

# eBird-1.1-LocationReference

- [Description](#)
- [URL](#)
- [Parameter Descriptions](#)
- [BCR Result Fields](#)
  - [Example Responses](#)
    - [CSV](#)
    - [XML](#)
- [Country Result Fields](#)
  - [Example Responses](#)
    - [CSV](#)
    - [XML](#)
- [Subnational1 Result Fields](#)
  - [Example Responses](#)
    - [CSV](#)
    - [XML](#)
- [Subnational2 Result Fields](#)
  - [Example Responses](#)
    - [CSV](#)
    - [XML](#)
- [Caching Information](#)

## Description

Returns location-based look-up data based on the `rtype` (Region Type) parameter; `rtype` options are: **bcr**, **country**, **subnational1**, or **subnational2**. Non-parameterized **list** URIs list all records for a specific `rtype`, **list** plus sub-category parameter URIs list those records matching the sub-category parameter, **find** URIs search for matching records in the primary name field on whole word or partial word stubs passed via the **match** parameter. The default result format is CSV.

This is part of the [eBird version 1.1 API](#).

## URL

### Base URL

<http://ebird.org/ws1.1/ref/location>

### Examples

Minimal **list**:

<http://ebird.org/ws1.1/ref/location/list?rtype=bcr>  
<http://ebird.org/ws1.1/ref/location/list?rtype=country>  
<http://ebird.org/ws1.1/ref/location/list?rtype=subnational1>  
<http://ebird.org/ws1.1/ref/location/list?rtype=subnational2>

Minimal **find**:

<http://ebird.org/ws1.1/ref/location/find?rtype=bcr&match=north>  
<http://ebird.org/ws1.1/ref/location/find?rtype=country&match=stan>  
<http://ebird.org/ws1.1/ref/location/find?rtype=subnational1&match=new>  
<http://ebird.org/ws1.1/ref/location/find?rtype=subnational2&match=west>

Fully specified **list**:

<http://ebird.org/ws1.1/ref/location/list?rtype=bcr&fmt=csv>  
<http://ebird.org/ws1.1/ref/location/list?rtype=bcr&fmt=xml>  
  
<http://ebird.org/ws1.1/ref/location/list?rtype=country&fmt=csv>  
<http://ebird.org/ws1.1/ref/location/list?rtype=country&fmt=xml>  
  
<http://ebird.org/ws1.1/ref/location/list?rtype=subnational1&fmt=csv>  
<http://ebird.org/ws1.1/ref/location/list?rtype=subnational1&fmt=xml>  
<http://ebird.org/ws1.1/ref/location/list?rtype=subnational1&countryCode=AD>  
<http://ebird.org/ws1.1/ref/location/list?rtype=subnational1&countryCode=JP&fmt=csv>  
<http://ebird.org/ws1.1/ref/location/list?rtype=subnational1&countryCode=ZW&fmt=xml>

<http://ebird.org/ws1.1/ref/location/list?rtype=subnational2&fmt=csv>  
<http://ebird.org/ws1.1/ref/location/list?rtype=subnational2&fmt=xml>  
<http://ebird.org/ws1.1/ref/location/list?rtype=subnational2&countryCode=US>  
<http://ebird.org/ws1.1/ref/location/list?rtype=subnational2&countryCode=CA&fmt=csv>  
<http://ebird.org/ws1.1/ref/location/list?rtype=subnational2&countryCode=NZ&fmt=xml>  
<http://ebird.org/ws1.1/ref/location/list?rtype=subnational2&subnational1Code=GB-ENG>  
<http://ebird.org/ws1.1/ref/location/list?rtype=subnational2&subnational1Code=CA-AB&fmt=csv>  
<http://ebird.org/ws1.1/ref/location/list?rtype=subnational2&subnational1Code=nz-can&fmt=xml>

Fully specified **find**:

<http://ebird.org/ws1.1/ref/location/find?rtype=bcr&match=south&fmt=csv>  
<http://ebird.org/ws1.1/ref/location/find?rtype=bcr&match=west&fmt=xml>

<http://ebird.org/ws1.1/ref/location/find?rtype=country&match=united&fmt=csv>  
<http://ebird.org/ws1.1/ref/location/find?rtype=country&match=republic&fmt=xml>

<http://ebird.org/ws1.1/ref/location/find?rtype=subnational1&match=west&fmt=csv>  
<http://ebird.org/ws1.1/ref/location/find?rtype=subnational1&match=south&fmt=xml>

<http://ebird.org/ws1.1/ref/location/find?rtype=subnational2&match=west&fmt=csv>  
<http://ebird.org/ws1.1/ref/location/find?rtype=subnational2&match=south&fmt=xml>

## Parameter Descriptions

Parameter Name	Required	Default	Value Options	Example Value	Description
rtype	yes	none	bcr, country, subnational1, or subnational2	country	region type parameter
fmt	no	csv	xml, csv	xml	format of the response
countryCode	no	none	Any valid country-code, see <a href="http://ebird.org/ws1.1/ref/location/list?rtype=country&amp;fmt=xml">http://ebird.org/ws1.1/ref/location/list?rtype=country&amp;fmt=xml</a> .	CA	<b>list</b> request parameter valid for <b>rtype=subnational1</b> and <b>rtype=subnational2</b>
subnational1Code	no	none	Any valid subnational1-code, see <a href="http://ebird.org/ws1.1/ref/location/list?rtype=subnational1&amp;fmt=xml">http://ebird.org/ws1.1/ref/location/list?rtype=subnational1&amp;fmt=xml</a> .	NZ-MWT	<b>list</b> request parameter valid for <b>rtype=subnational2</b>
match	yes for <b>find</b> request	none	Any whole word or partial word stub	south	required for <b>find</b> request, key for primary name record matching

## BCR Result Fields

Field (XML)	Description
primary-name	BCR Primary Name
region-code	BCR Code

## Example Responses

### CSV

```

West Gulf Coastal Plain/Ouachitas,25
Southeastern Coastal Plain,27
New England/Mid-atlantic Coast,30
Coastal California,32
Gulf Coastal Prairie,37

```

### XML

```
<response>
  <header>
    <locale country="" language="en"/>
    <timestamp>2014-04-03T11:37:01.761-04:00</timestamp>
    <criteria find-command-flag="true">
      <fmt>xml</fmt>
      <match>coast</match>
      <region-type>bcr</region-type>
      <rtype>bcr</rtype>
    </criteria>
  </header>
  <result>
    <location>
      <primary-name>West Gulf Coastal Plain/Ouachitas</primary-name>
      <region-code>25</region-code>
    </location>
    <location>
      <primary-name>Southeastern Coastal Plain</primary-name>
      <region-code>27</region-code>
    </location>
    <location>
      <primary-name>New England/Mid-atlantic Coast</primary-name>
      <region-code>30</region-code>
    </location>
    <location>
      <primary-name>Coastal California</primary-name>
      <region-code>32</region-code>
    </location>
    <location>
      <primary-name>Gulf Coastal Prairie</primary-name>
      <region-code>37</region-code>
    </location>
  </result>
</response>
```

## Country Result Fields

Field (XML)	Description
country-code	Country Code
name	Country Name
name-short	Country Short Name
name-long	Country Long Name
local-abbrev	Local Abbreviation

## Example Responses

### CSV

```
AF,Afghanistan,Afghanistan,Islamic State of Afghanistan,AF
KG,Kyrgyzstan,Kyrgyzstan,Kyrgyz Republic,KG
KZ,Kazakhstan,Kazakhstan,Republic of Kazakhstan,KZ
PK,Pakistan,Pakistan,Islamic Republic of Pakistan,PK
SH,"Saint Helena, Ascension, and Tristan da Cunha",Saint Helena,Saint Helena,SH
TJ,Tajikistan,Tajikistan,Republic of Tajikistan,TJ
TM,Turkmenistan,Turkmenistan,Turkmenistan,TM
UZ,Uzbekistan,Uzbekistan,Republic of Uzbekistan,UZ
```

### XML

```
<response>
  <header>
    <locale country="" language="en"/>
    <timestamp>2014-04-03T11:49:34.291-04:00</timestamp>
    <criteria find-command-flag="true">
      <fmt>xml</fmt>
      <match>stan</match>
      <region-type>country</region-type>
      <rtype>country</rtype>
    </criteria>
  </header>
  <result>
    <country>
      <country-code>AF</country-code>
      <name>Afghanistan</name>
      <name-short>Afghanistan</name-short>
      <name-long>Islamic State of Afghanistan</name-long>
      <local-abbrev>AF</local-abbrev>
    </country>
    <country>
      <country-code>KG</country-code>
      <name>Kyrgyzstan</name>
      <name-short>Kyrgyzstan</name-short>
      <name-long>Kyrgyz Republic</name-long>
      <local-abbrev>KG</local-abbrev>
    </country>
    <country>
      <country-code>KZ</country-code>
      <name>Kazakhstan</name>
      <name-short>Kazakhstan</name-short>
      <name-long>Republic of Kazakhstan</name-long>
      <local-abbrev>KZ</local-abbrev>
    </country>
    <country>
      <country-code>PK</country-code>
      <name>Pakistan</name>
      <name-short>Pakistan</name-short>
      <name-long>Islamic Republic of Pakistan</name-long>
      <local-abbrev>PK</local-abbrev>
    </country>
    <country>
      <country-code>SH</country-code>
      <name>Saint Helena, Ascension, and Tristan da Cunha</name>
      <name-short>Saint Helena</name-short>
      <name-long>Saint Helena</name-long>
      <local-abbrev>SH</local-abbrev>
    </country>
    <country>
      <country-code>TJ</country-code>
      <name>Tajikistan</name>
      <name-short>Tajikistan</name-short>
      <name-long>Republic of Tajikistan</name-long>
      <local-abbrev>TJ</local-abbrev>
    </country>
    <country>
      <country-code>TM</country-code>
      <name>Turkmenistan</name>
      <name-short>Turkmenistan</name-short>
      <name-long>Turkmenistan</name-long>
      <local-abbrev>TM</local-abbrev>
    </country>
    <country>
      <country-code>UZ</country-code>
      <name>Uzbekistan</name>
      <name-short>Uzbekistan</name-short>
      <name-long>Republic of Uzbekistan</name-long>
      <local-abbrev>UZ</local-abbrev>
    </country>
  </result>
</response>
```

## Subnational1 Result Fields

Field (XML)	Description
country-code	Country Code
subnational1-code	Subnational1 Code
name	Full Name of Subnational1 Entity
local-abbrev	Local Abbreviation

## Example Responses

### CSV

CV,CV-,Cape Verde,  
CV,CV-B,Ilhas de Barlavento,B  
CV,CV-S,Ilhas de Sotavento,S

### XML

```
<response>
  <header>
    <locale country="" language="en"/>
    <timestamp>2014-04-03T11:22:00.416-04:00</timestamp>
    <criteria find-command-flag="false">
      <region-code>CV</region-code>
      <region-codes>CV</region-codes>
      <fmt>xml</fmt>
      <country-code>CV</country-code>
      <region-type>subnational1</region-type>
      <rtype>subnational1</rtype>
    </criteria>
  </header>
  <result>
    <subnational1>
      <country-code>CV</country-code>
      <subnational1-code>CV</subnational1-code>
      <name>Cape Verde</name>
    </subnational1>
    <subnational1>
      <country-code>CV</country-code>
      <subnational1-code>CV-B</subnational1-code>
      <name>Ilhas de Barlavento</name>
      <local-abbrev>B</local-abbrev>
    </subnational1>
    <subnational1>
      <country-code>CV</country-code>
      <subnational1-code>CV-S</subnational1-code>
      <name>Ilhas de Sotavento</name>
      <local-abbrev>S</local-abbrev>
    </subnational1>
  </result>
</response>
```

## Subnational2 Result Fields

Field (XML)	Description
country-code	Country Code
subnational1-code	Subnational1 Code

subnational2-code	Subnational2 Code
name	Name

## Example Responses

### CSV

```
CA,CA-AB,CA-AB-EI,Red Deer
CA,CA-AB,CA-AB-EL,Edmonton
CA,CA-AB,CA-AB-ET,Grande Cache
CA,CA-AB,CA-AB-FI,Drumheller
CA,CA-AB,CA-AB-FN,Banff
CA,CA-AB,CA-AB-FO,Hanna
CA,CA-AB,CA-AB-FT,Edson
CA,CA-AB,CA-AB-NI,Rocky Mountain House
CA,CA-AB,CA-AB-NT,Grande Prairie
CA,CA-AB,CA-AB-ON,Medicine Hat
CA,CA-AB,CA-AB-SE,Stettler
CA,CA-AB,CA-AB-SI,Calgary
CA,CA-AB,CA-AB-SN,Slave Lake
CA,CA-AB,CA-AB-ST,Fort McMurray
CA,CA-AB,CA-AB-TE,Camrose-Lloydminster
CA,CA-AB,CA-AB-TN,Athabasca
CA,CA-AB,CA-AB-TR,Fort MacLeod
CA,CA-AB,CA-AB-TV,St. Paul
CA,CA-AB,CA-AB-TW,Lethbridge
```

### XML

```
<response>
  <header>
    <locale country="" language="en"/>
    <timestamp>2014-04-03T13:10:45.096-04:00</timestamp>
    <criteria find-command-flag="false">
      <region-code>CA-AB</region-code>
      <region-codes>CA-AB</region-codes>
      <fmt>xml</fmt>
      <region-type>subnational2</region-type>
      <rtype>subnational2</rtype>
      <subnational1-code>CA-AB</subnational1-code>
    </criteria>
  </header>
  <result>
    <subnational2>
      <country-code>CA</country-code>
      <subnational1-code>CA-AB</subnational1-code>
      <subnational2-code>CA-AB-EI</subnational2-code>
      <name>Red Deer</name>
    </subnational2>
    <subnational2>
      <country-code>CA</country-code>
      <subnational1-code>CA-AB</subnational1-code>
      <subnational2-code>CA-AB-EL</subnational2-code>
      <name>Edmonton</name>
    </subnational2>
    <subnational2>
      <country-code>CA</country-code>
      <subnational1-code>CA-AB</subnational1-code>
      <subnational2-code>CA-AB-ET</subnational2-code>
      <name>Grande Cache</name>
    </subnational2>
    <subnational2>
      <country-code>CA</country-code>
      <subnational1-code>CA-AB</subnational1-code>
      <subnational2-code>CA-AB-FI</subnational2-code>
      <name>Drumheller</name>
```

```
</subnational2>
<subnational2>
  <country-code>CA</country-code>
  <subnational1-code>CA-AB</subnational1-code>
  <subnational2-code>CA-AB-FN</subnational2-code>
  <name>Banff</name>
</subnational2>
<subnational2>
  <country-code>CA</country-code>
  <subnational1-code>CA-AB</subnational1-code>
  <subnational2-code>CA-AB-FO</subnational2-code>
  <name>Hanna</name>
</subnational2>
<subnational2>
  <country-code>CA</country-code>
  <subnational1-code>CA-AB</subnational1-code>
  <subnational2-code>CA-AB-FT</subnational2-code>
  <name>Edson</name>
</subnational2>
<subnational2>
  <country-code>CA</country-code>
  <subnational1-code>CA-AB</subnational1-code>
  <subnational2-code>CA-AB-NI</subnational2-code>
  <name>Rocky Mountain House</name>
</subnational2>
<subnational2>
  <country-code>CA</country-code>
  <subnational1-code>CA-AB</subnational1-code>
  <subnational2-code>CA-AB-NT</subnational2-code>
  <name>Grande Prairie</name>
</subnational2>
<subnational2>
  <country-code>CA</country-code>
  <subnational1-code>CA-AB</subnational1-code>
  <subnational2-code>CA-AB-ON</subnational2-code>
  <name>Medicine Hat</name>
</subnational2>
<subnational2>
  <country-code>CA</country-code>
  <subnational1-code>CA-AB</subnational1-code>
  <subnational2-code>CA-AB-SE</subnational2-code>
  <name>Stettler</name>
</subnational2>
<subnational2>
  <country-code>CA</country-code>
  <subnational1-code>CA-AB</subnational1-code>
  <subnational2-code>CA-AB-SI</subnational2-code>
  <name>Calgary</name>
</subnational2>
<subnational2>
  <country-code>CA</country-code>
  <subnational1-code>CA-AB</subnational1-code>
  <subnational2-code>CA-AB-SN</subnational2-code>
  <name>Slave Lake</name>
</subnational2>
<subnational2>
  <country-code>CA</country-code>
  <subnational1-code>CA-AB</subnational1-code>
  <subnational2-code>CA-AB-ST</subnational2-code>
  <name>Fort McMurray</name>
</subnational2>
<subnational2>
  <country-code>CA</country-code>
  <subnational1-code>CA-AB</subnational1-code>
  <subnational2-code>CA-AB-TE</subnational2-code>
  <name>Camrose-Lloydminster</name>
</subnational2>
<subnational2>
  <country-code>CA</country-code>
  <subnational1-code>CA-AB</subnational1-code>
  <subnational2-code>CA-AB-TN</subnational2-code>
```

```
<name>Athabasca</name>
</subnational2>
<subnational2>
  <country-code>CA</country-code>
  <subnational1-code>CA-AB</subnational1-code>
  <subnational2-code>CA-AB-TR</subnational2-code>
  <name>Fort MacLeod</name>
</subnational2>
<subnational2>
  <country-code>CA</country-code>
  <subnational1-code>CA-AB</subnational1-code>
  <subnational2-code>CA-AB-TV</subnational2-code>
  <name>St. Paul</name>
</subnational2>
<subnational2>
  <country-code>CA</country-code>
  <subnational1-code>CA-AB</subnational1-code>
  <subnational2-code>CA-AB-TW</subnational2-code>
  <name>Lethbridge</name>
</subnational2>
</result>
</response>
```

## Caching Information

For details on caching of results by our servers, see [eBird-1.1-CacheInformation](#)

Unknown macro: {import}