

AKN-1.0-Subnational1

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Subnational1Code List and Search Web Service API

API

This is implemented in the IS/DataDeliveryREST code base.

URL	description	status	notes
ws/ref/subnational1/list	Return entire list of "state" names	deployed	
ws/ref/subnational1/list?countryCode=<2-letter ISO country code>	Return list of "state" names found in the given country	deployed	
ws/ref/subnational1/find?match=<string to match>	Return list of "state" names that match	deployed	Can wildcards be used in the match string? No wildcard yet implemented.

parameter	required	default	value options	description	status
match	yes, for /find	n/a		String to match against "county" names. What kind of wildcards can be used?	deployed. No wildcard yet implemented.
locale	no	en_US	Java standard locale codes	locale in which to perform matching, and in which to provide names in response (when possible)	not coded
countryCode	no	n/a		2-letter ISO country code	deployed
format	no	csv	<ul style="list-style-type: none">• csv• xml	format to use for response	deployed

Test URLs

Development URL	Deployed URL	Expected Response	Notes
http://localhost/ws/ref/subnational1	http://ebird.org/ws1.0/ref/subnational1	entire list in CSV format	Generates 404 error.
http://localhost/ws/ref/subnational1/list	http://ebird.org/ws1.0/ref/subnational1/list	entire list in CSV format	"csv" is the default format.
http://localhost/ws/ref/subnational1/list?format=xml	http://ebird.org/ws1.0/ref/subnational1/list?format=xml	entire list in XML format	
http://localhost/ws/ref/subnational1/list?format=csv	http://ebird.org/ws1.0/ref/subnational1/list?format=csv	entire list in CSV format	
http://localhost/ws/ref/subnational1/list?format=QQQ	http://ebird.org/ws1.0/ref/subnational1/list?format=QQQ	entire list in CSV format	Bad format value is ignored and defaulted to csv.
http://localhost/ws/ref/subnational1/list?format=XML	http://ebird.org/ws1.0/ref/subnational1/list?format=XML	entire list in CSV format	"XML" is not a valid format option. Only "xml" and "csv" are valid options.
http://localhost/ws/ref/subnational1/list?countryCode=US	http://ebird.org/ws1.0/ref/subnational1/list?countryCode=US	CSV list of states	Country code string in uppercase is valid.
http://localhost/ws/ref/subnational1/list?countryCode=US&format=xml	http://ebird.org/ws1.0/ref/subnational1/list?countryCode=US&format=xml	XML list of states	
http://localhost/ws/ref/subnational1/list?countryCode=us	http://ebird.org/ws1.0/ref/subnational1/list?countryCode=us	empty list in CSV format	Country code string in lowercase is invalid.
http://localhost/ws/ref/subnational1/list?countryCode=	http://ebird.org/ws1.0/ref/subnational1/list?countryCode=	entire list in CSV format	
http://localhost/ws/ref/subnational1/find?match=new	http://ebird.org/ws1.0/ref/subnational1/find?match=new	list of states in CSV format	
http://localhost/ws/ref/subnational1/find?match=new&format=xml	http://ebird.org/ws1.0/ref/subnational1/find?match=new&format=xml	list of states in XML format	
http://localhost/ws/ref/subnational1/find?match=NEW	http://ebird.org/ws1.0/ref/subnational1/find?match=NEW	list of states in CSV format	There should be no difference in response for upper/lower case search strings.
http://localhost/ws/ref/subnational1/list?format=	http://ebird.org/ws1.0/ref/subnational1/list?format=	entire list in CSV format	Bad format value is ignored and defaulted to csv.

http://localhost/ws/ref/subnational1/find?match=	http://ebird.org/ws1.0/ref/subnational1/find?match=	empty list in CSV format	
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CSV Result Format

```
<country code>, <subnational1 code>, <name associated with subnational1 code>
<country code>, <subnational1 code>, <name associated with subnational1 code>
<country code>, <subnational1 code>, <name associated with subnational1 code>
```

XML Result Format

```
<response>
  <header>
    <locale country="US" language="en" />
    <timestamp>2008-02-21T12:37:32.546-05:00</timestamp>
    <criteria>
      <property name="match" value="seomthing" />
      <property name="countryCode" value="US" description="United States" />
    </criteria>
    <comment>
    </comment>
  </header>
  <result>
    <location countryCode=" " subnational1Code="">name of the subnational1 region </location>
    <location countryCode=" " subnational1Code="">name of the subnational1 region </location>
    <location countryCode=" " subnational1Code="">name of the subnational1 region </location>
    <location countryCode=" " subnational1Code="">name of the subnational1 region </location>
  </result>
</response>
```