

Other Modes of Data Collection

Diary surveys

Administrative records

Direct observation

Biological and physical measurements within surveys

Application Programming Interface (API)

(Non-probability) access panels

Google survey

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API

Wikipedia entry:

An API approach is an architectural approach that revolves around providing programmable interfaces to a set of services to different applications serving different types of consumers.

When used in the context of [web development](#), an API is typically defined as a set of [Hypertext Transfer Protocol](#) (HTTP) request messages, along with a definition of the structure of response messages, which is usually in an Extensible Markup Language ([XML](#)) or JavaScript Object Notation ([JSON](#)) format.

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API – confirmation from data.gov

Your API key for my@email.edu is:

tc2atROCvs7YlxzyIngIAJvZYO9G0xOBYR6vo4

You can start using this key to make web service requests. Simply pass your key in the URL when making a web request. Here's an example:

https://api.data.gov/nrel/alt-fuel-stations/v1/nearest.json?api_key=tc2atROCylxzyIngIXnAJvZYO9G0xOBYR6vo4&location=Denver+CO

For additional support, please [contact us](#). When contacting us, please tell us what API you're accessing and provide the following account details so we can quickly find you:

Account Email: my@email.edu

Account ID: 84bd443e-93f1-955a-13739acc5d07

Note code is altered and not functioning.

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ACS

Request URL

```
GET http://api.data.gov/census/american-community-survey/v1/{year}/populations/states/{state}?parameter
```

Request Parameters

Parameter	Required	Value	Description
year	Yes	Type: integer Default: None Options: 2010, 2011	The American Community Survey year to pick.
state	Yes	Type: string Default: None Options: json, xml	Two letter USPS state code of the state.
api_key	Yes	Type: string Default: None	Your developer API key. See API keys for more information.

Examples

JSON Output Format

```
GET /census/american-community-survey/v1/2011/populations/states/NY?api_key=DEMO_KEY
```

```
{  
  ["B02001 001E", "NAME", "state"],  
  ["19302448", "New York", "36"]  
}
```

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