


โดย

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- <https://datausa.io/api/data?drilldowns=Nation&measures=Population>
- <https://datausa.io/api/data?drilldowns=Nation&measures=Population&year=latest>
- <https://datausa.io/api/data?drilldowns=State&measures=Population&year=latest>

- a.



The screenshot shows a web browser with the address bar displaying `https://datausa.io/api/data`. The browser's developer tools are open, showing the 'Response' tab. The response is a JSON object. The 'data' field contains an array of objects, each representing a year from 2020 to 2028. Each object has fields for 'ID Nation', 'Nation', 'ID Year', 'Year', 'Population', and 'Slug Nation'. The 'source' field contains an object with 'measures' (Population), 'annotations' (Census Bureau), and 'name' (ACS 5-year total population).

```

1  {
2    "data": [
3      {
4        "ID Nation": "01000US",
5        "Nation": "United States",
6        "ID Year": "2020",
7        "Year": "2020",
8        "Population": 325659388,
9        "Slug Nation": "united-states"
10     }
11   ],
12   "source": {
13     "measures": {
14       "Population"
15     },
16     "annotations": {
17       "source_name": "Census Bureau",
18       "source_description": "The American Community Survey (ACS) is conducted by the US Census
19 and sent to a portion of the population every year.",
20       "dataset_name": "ACS 5-year Estimate",
21       "dataset_link": "http://www.census.gov/programs-surveys/acs/",
22       "table_id": "B01003",
23       "topic": "Diversity",
24       "subtopic": "Demographics"
25     },
26     "name": "acs_5y_total_population_5",
27     "substitutions": []
28   }
29 }
30

```

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- The screenshot shows a web browser with the address bar displaying `https://datausa.io/api/data`. The browser's developer tools are open, showing the 'Response' tab. The response is a JSON array of 10 objects, each representing a country with the following fields: `ID Nation`, `Nation`, `ID Year`, `Year`, `Population`, and `Slug Nation`. The countries listed are United States (2020), United States (2019), United States (2018), United States (2017), United States (2016), United States (2015), United States (2014), United States (2013), United States (2012), and United States (2011).
- ```

1 {
2 "data": [
3 {
4 "ID Nation": "010000US",
5 "Nation": "United States",
6 "ID Year": 2020,
7 "Year": "2020",
8 "Population": 326569308,
9 "Slug Nation": "united-states"
10 },
11 {
12 "ID Nation": "010000US",
13 "Nation": "United States",
14 "ID Year": 2019,
15 "Year": "2019",
16 "Population": 324697795,
17 "Slug Nation": "united-states"
18 },
19 {
20 "ID Nation": "010000US",
21 "Nation": "United States",
22 "ID Year": 2018,
23 "Year": "2018",
24 "Population": 32290308,
25 "Slug Nation": "united-states"
26 },
27 {
28 "ID Nation": "010000US",
29 "Nation": "United States",
30 "ID Year": 2017,
31 "Year": "2017",
32 "Population": 321004407,
33 "Slug Nation": "united-states"
34 },
35 {
36 "ID Nation": "010000US",
37 "Nation": "United States",
38 "ID Year": 2016,
39 "Year": "2016",
40 "Population": 319100000,
41 "Slug Nation": "united-states"
42 },
43 {
44 "ID Nation": "010000US",
45 "Nation": "United States",
46 "ID Year": 2015,
47 "Year": "2015",
48 "Population": 317195000,
49 "Slug Nation": "united-states"
50 },
51 {
52 "ID Nation": "010000US",
53 "Nation": "United States",
54 "ID Year": 2014,
55 "Year": "2014",
56 "Population": 315290000,
57 "Slug Nation": "united-states"
58 },
59 {
60 "ID Nation": "010000US",
61 "Nation": "United States",
62 "ID Year": 2013,
63 "Year": "2013",
64 "Population": 313385000,
65 "Slug Nation": "united-states"
66 },
67 {
68 "ID Nation": "010000US",
69 "Nation": "United States",
70 "ID Year": 2012,
71 "Year": "2012",
72 "Population": 311480000,
73 "Slug Nation": "united-states"
74 },
75 {
76 "ID Nation": "010000US",
77 "Nation": "United States",
78 "ID Year": 2011,
79 "Year": "2011",
80 "Population": 309575000,
81 "Slug Nation": "united-states"
82 }
83]
84 }

```

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- The screenshot shows a web browser with the address bar displaying `https://datausa.io/api/data`. The browser tabs include "Elets", "Console", "Sources", "Network", "Timelines", "Storage", and search icons. The "Response" tab is active, showing a JSON array of state data. The JSON is formatted with syntax highlighting and line numbers on the left.
- ```

1 {
2   "data": [
3     {
4       "ID State": "040000US01",
5       "State": "Alabama",
6       "ID Year": "2020",
7       "Year": "2020",
8       "Population": 4893186,
9       "Slug State": "alabama"
10    },
11    {
12      "ID State": "040000US02",
13      "State": "Alaska",
14      "ID Year": "2020",
15      "Year": "2020",
16      "Population": 736990,
17      "Slug State": "alaska"
18    },
19    {
20      "ID State": "040000US04",
21      "State": "Arizona",
22      "ID Year": "2020",
23      "Year": "2020",
24      "Population": 7174664,
25      "Slug State": "arizona"
26    },
27    {
28      "ID State": "040000US05",
29      "State": "Arkansas",
30      "ID Year": "2020",
31      "Year": "2020",
32      "Population": 3011873,
33      "Slug State": "arkansas"
34    },
35  ]
36 }

```

3. This data API contains the population of USA and when the data was collected.

In this case

- a. <https://datausa.io/api/data?drilldowns=State&measures=Population&year=latest>

The filters for the data are separated by &, by starting from...

drilldowns = followed by the scope of the data wanted to know. Here, when set as Nation, the whole population of USA is shown in the link.

measures = wanting to know the population

year = if not in the URL all the data would show up sorted by year, then states alphabetically.

If set, however, will only be showing the latest data.

4. **URL linking to the REST API reference document for the public data repository you have obtained:**
<https://datausa.io/about/api/>