1. Table of Contents

1. API Documentation ........................................................................................................ 1

   1.1. API Endpoints ........................................................................................................ 1

   1.2. Schema ................................................................................................................ 1

   1.3. Authentication ..................................................................................................... 1

   1.4. HTTP Verbs ......................................................................................................... 1

       1.4.1. GET requests ............................................................................................... 1

       1.4.2. POST requests ........................................................................................... 2

       1.4.2.1. Usage Examples for POST requests ..................................................... 2
1. API Documentation

1.1. API Endpoints

SOS has introduced a new function for the Election Night Reporting JSON data feed, allowing developers to submit a selected list of contests and receive a JSON response that contains only those selected contests.

For a complete list of endpoints, please refer to the API Endpoints document at https://www.sos.ca.gov/media/.

1.2. Schema

All API access is over HTTPS and available at https://api.sos.ca.gov. By default, the data is sent and received as JSON.

As an optional parameter, use ?f=csv to output CSV formatted data.

1.3. Authentication

Authentication is not required for public access to the Election Night Reporting REST API v1. Private access is not provided to any data at this time. Requests requiring authentication may return "404 Not Found" instead of "403 Forbidden". This is to prevent accidental leakage of data to unauthorized users.

1.4. HTTP Verbs

Both GET and POST commands are available through the public API.

1.4.1. GET requests

Some examples include:

<table>
<thead>
<tr>
<th>URL Endpoint</th>
<th>Data Returned</th>
</tr>
</thead>
<tbody>
<tr>
<td><a href="https://api.sos.ca.gov/returns/president/party/democratic">https://api.sos.ca.gov/returns/president/party/democratic</a></td>
<td>Returns statewide election results for the Democratic Presidential Primary contest.</td>
</tr>
<tr>
<td><a href="https://api.sos.ca.gov/returns/president/party/republican/lake">https://api.sos.ca.gov/returns/president/party/republican/lake</a></td>
<td>Returns only Lake county election results for the Republican Presidential Primary contest.</td>
</tr>
<tr>
<td><a href="https://api.sos.ca.gov/returns/ballot-measures">https://api.sos.ca.gov/returns/ballot-measures</a></td>
<td>Returns statewide election results for all ballot measures (propositions.)</td>
</tr>
</tbody>
</table>
1.4.2. POST requests

Requirements

- Tool that can submit POST requests to an API endpoint.
- Knowledge of Contest IDs. (Contest IDs are defined in section 1.1 of the Appendix.
- The body of the request must contain a JSON formatted array with the key "raceIds".

Some examples include:

<table>
<thead>
<tr>
<th>URL Endpoint</th>
<th>JSON Array</th>
<th>Data Returned</th>
</tr>
</thead>
<tbody>
<tr>
<td><a href="https://api.sosca.gov/returns/query">https://api.sosca.gov/returns/query</a></td>
<td>&quot;raceIds&quot;: [&quot;01000100000059&quot;]</td>
<td>Returns statewide election results for the Democratic Presidential Primary contest.</td>
</tr>
<tr>
<td></td>
<td>&quot;raceIds&quot;: [&quot;010002000000017&quot;]</td>
<td>Returns only Lake county election results for the Republican Presidential Primary contest.</td>
</tr>
<tr>
<td></td>
<td>&quot;raceIds&quot;: [&quot;19000000001359&quot;]</td>
<td>Returns statewide election results for ballot measures 13 ( propositions.).</td>
</tr>
<tr>
<td></td>
<td>&quot;raceIds&quot;: [&quot;11000040000059&quot;,&quot;11000041000059&quot;]</td>
<td>Returns districtwide election results for U.S. Representative District 40 and 41.</td>
</tr>
</tbody>
</table>

1.4.2.1. Usage Examples for POST requests

JSON array to retrieve the Presidential Primary results for the Democratic party showing Statewide results:

```json
{
    "raceIds": [
        "01000100000059"
    ]
}
```

The JSON response:

```json
[
  {
    "raceTitle": "President Democratic - Statewide Results",
    "Reporting": "0.0% (0 of 58,000) precincts reporting",
    "ReportingTime": "March 3, 2020, 8:00 p.m.",
    "candidates": [
      {
        "Name": "Michael Bennet",
        "Party": "Dem",
        "Votes": "0",
        "Percent": "0.0",
        "incumbent": false
      },
      {
        "Name": "Joseph R. Biden",
        "Party": "Dem",
        "Votes": "0",
        "Percent": "0.0",
```
"incumbent": false
}
,
{
  "Name": "Michael R. Bloomberg",
  "Party": "Dem",
  "Votes": "0",
  "Percent": "0.0",
  "incumbent": false
}
,
{
  "Name": "Cory Booker",
  "Party": "Dem",
  "Votes": "0",
  "Percent": "0.0",
  "incumbent": false
}
,
{
  "Name": "Mosie Boyd",
  "Party": "Dem",
  "Votes": "0",
  "Percent": "0.0",
  "incumbent": false
}
,
{
  "Name": "Pete Buttigieg",
  "Party": "Dem",
  "Votes": "0",
  "Percent": "0.0",
  "incumbent": false
}
,
{
  "Name": "Julián Castro",
  "Party": "Dem",
  "Votes": "0",
  "Percent": "0.0",
  "incumbent": false
}
,
{
  "Name": "Roque \"Rocky\" De La Fuente III",
  "Party": "Dem",
  "Votes": "0",
  "Percent": "0.0",
  "incumbent": false
}
,
{
  "Name": "John K. Delaney",
  "Party": "Dem",
  "Votes": "0",
  "Percent": "0.0",
  "incumbent": false
}
,
{
  "Name": "Michael A. Ellinger",
  "Party": "Dem",
  "Votes": "0",
  "Percent": "0.0",
  "incumbent": false
}
,
{
  "Name": "Tulsi Gabbard",
  "Party": "Dem",
  "Votes": "0",
  "Percent": "0.0",
  "incumbent": false
}
{  
"Name": "Mark Stewart Greenstein",
"Party": "Dem",
"Votes": "0",
"Percent": "0.0",
"incumbent": false
},
{  
"Name": "Amy Klobuchar",
"Party": "Dem",
"Votes": "0",
"Percent": "0.0",
"incumbent": false
},
{  
"Name": "Deval Patrick",
"Party": "Dem",
"Votes": "0",
"Percent": "0.0",
"incumbent": false
},
{  
"Name": "Bernie Sanders",
"Party": "Dem",
"Votes": "0",
"Percent": "0.0",
"incumbent": false
},
{  
"Name": "Joe Sestak",
"Party": "Dem",
"Votes": "0",
"Percent": "0.0",
"incumbent": false
},
{  
"Name": "Tom Steyer",
"Party": "Dem",
"Votes": "0",
"Percent": "0.0",
"incumbent": false
},
{  
"Name": "Elizabeth Warren",
"Party": "Dem",
"Votes": "0",
"Percent": "0.0",
"incumbent": false
},
{  
"Name": "Marianne Williamson",
"Party": "Dem",
"Votes": "0",
"Percent": "0.0",
"incumbent": false
},
{  
"Name": "Andrew Yang",
"Party": "Dem",
"Votes": "0",
"Percent": "0.0",
"incumbent": false
}  
]
JSON array to retrieve the Direct Primary results for the U.S. Representative District 40 and 41 districtwide results:

```
{
    "raceIds": [
        "11000040000059",
        "11000041000059"
    ]
}
```

The JSON response:

```
[{
    "raceTitle": "U.S. Representative District 40 - Districtwide Results",
    "Reporting": "0.0% (0 of 1,000) precincts reporting",
    "ReportingTime": "March 3, 2020, 8:00 p.m.",
    "candidates": [
        {
            "Name": "Anthony Felix Jr.",
            "Party": "Dem",
            "Votes": "0",
            "Percent": "0.0",
            "incumbent": false
        },
        {
            "Name": "Lucille Roybal-Allard",
            "Party": "Dem",
            "Votes": "0",
            "Percent": "0.0",
            "incumbent": true
        },
        {
            "Name": "David John Sanchez",
            "Party": "Dem",
            "Votes": "0",
            "Percent": "0.0",
            "incumbent": false
        },
        {
            "Name": "C Antonio Delgado",
            "Party": "Rep",
            "Votes": "0",
            "Percent": "0.0",
            "incumbent": false
        },
        {
            "Name": "Michael Donnell Graham Jr.",
            "Party": "AI",
            "Votes": "0",
            "Percent": "0.0",
            "incumbent": false
        }
    ]
}
```
For a complete list of endpoints, please refer to the API Endpoints document at https://www.sos.ca.gov/media/.