

USING APPLICATION PROGRAMMING INTERFACE (API) TO ACCESS CENSUS DATA

September 22, 2020

Alfred Sundara, AICP
Manager, Projections and State Data Center
Maryland Department of Planning

APIS'S AND USES

- What is API?
 - ✦ Software intermediary that allows two applications to talk to each other.
- Uses
 - ✦ Web Applications
 - ✦ Dashboards
 - ✦ Web maps

CENSUS BUREAU'S APIS'S

- Here are some API's that we use frequently
 - ✦ API for ACS data
 - ✦ API for Census Estimates data
 - ✦ API for Census Data
- Here is the link to Census Bureau's API Website
 - ✦ <https://www.census.gov/data/developers/data-sets.html>

LINKS TO API'S

ACS 1-Year

<https://www.census.gov/data/developers/data-sets/acs-1year.html>

ACS 5-Year

<https://www.census.gov/data/developers/data-sets/acs-5year.html>

Decennial Census (2010, 2000 and 1990)

<https://www.census.gov/data/developers/data-sets/decennial-census.html>

Population Estimates and Projections (2010 - 2019)

<https://www.census.gov/data/developers/data-sets/popest-popproj.html>

Q & A

let

Source =

```
Json.Document(Web.Contents("https://api.census.gov/data/2018/acs/acs5?get=NAME,group(B01001)&for=block group:*&in=state:24 county:021")),
```

```
Table = Table.FromRows(Source),
```

```
PromotedHeaders = Table.PromoteHeaders(Table)
```

```
in
```

```
PromotedHeaders
```

CONTACT

Alfred Sundara, AICP

Manager, Projections and State Data Center

Ph: 410-767-4002

Email: Alfred.Sundara@Maryland.gov