## County (/county/{id})

|  |  |  |  |
| --- | --- | --- | --- |
| **HTTP Verb** | **CRUD function** | **Input** | **Output** |
| POST | Create |  | 404, 409 (Already Exists) |
| GET | Read |  | 200 (OK), 404 (Not Found) |
| PUT | Update Replace | Name, FIPS, State | 200 (OK), 404 (Not Found) |
| PATCH | Update Modify | Any of (Name, FIPS, State) | 200 (OK), 404 (Not Found) |
| DELETE | Delete |  | 200 (OK), 404 (Not Found) |

## Counties (/counties)

|  |  |  |  |
| --- | --- | --- | --- |
| **HTTP Verb** | **CRUD function** | **Input** | **Output** |
| POST | Create | Name, FIPS | 201 (Created) Location header points to new item |
| GET | Read | Filtering by (Name, Name + State, State, FIPS) | 200 (OK) List of counties |
| PUT | Update Replace |  | 405 (Method not allowed) |
| PATCH | Update Modify |  | 405 (Method not allowed) |
| DELETE | Delete |  | 405 (Method not allowed) |

## Region (/region/{id})

|  |  |  |  |
| --- | --- | --- | --- |
| **HTTP Verb** | **CRUD function** | **Input** | **Output** |
| POST | Create |  | 404, 409 (Already Exists) |
| GET | Read |  | 200 (OK), 404 (Not Found) |
| PUT | Update Replace | Name, Description | 200 (OK), 404 (Not Found) |
| PATCH | Update Modify | Any of (Name, Description) | 200 (OK), 404 (Not Found) |
| DELETE | Delete |  | 200 (OK), 404 (Not Found) |

## Region County (/region/{id}/county/{id})

|  |  |  |  |
| --- | --- | --- | --- |
| **HTTP Verb** | **CRUD function** | **Input** | **Output** |
| POST | Create |  | 404, 409 (Already Exists) |
| GET | Read |  | 200 (OK), 404 (Not Found) |
| PUT | Update Replace |  | 405 (Method not allowed) |
| PATCH | Update Modify |  | 405 (Method not allowed) |
| DELETE | Delete |  | 200 (OK), 404 (Not Found) |

## Regions (/regions)

|  |  |  |  |
| --- | --- | --- | --- |
| **HTTP Verb** | **CRUD function** | **Input** | **Output** |
| POST | Create | Name, Description | 201 (Created) Location header points to new item |
| GET | Read | Filtering by (Name, Description) | 200 (OK) List of regions |
| PUT | Update Replace |  | 405 (Method not allowed) |
| PATCH | Update Modify |  | 405 (Method not allowed) |
| DELETE | Delete |  | 405 (Method not allowed) |

## Region Counties (/region/{id}/counties)

|  |  |  |  |
| --- | --- | --- | --- |
| **HTTP Verb** | **CRUD function** | **Input** | **Output** |
| POST | Create | id | 201 (Created) Location header points to new item |
| GET | Read | Filtering by (Name, FIPS, State) | 200 (OK) List of counties |
| PUT | Update Replace |  | 405 (Method not allowed) |
| PATCH | Update Modify |  | 405 (Method not allowed) |
| DELETE | Delete |  | 405 (Method not allowed) |

## Indicator (/indicator/{id})

|  |  |  |  |
| --- | --- | --- | --- |
| **HTTP Verb** | **CRUD function** | **Input** | **Output** |
| POST | Create |  | 404, 409 (Already Exists) |
| GET | Read |  | 200 (OK), 404 (Not Found) |
| PUT | Update Replace | Name, Measure | 200 (OK), 404 (Not Found) |
| PATCH | Update Modify | Any of (Name, Measure) | 200 (OK), 404 (Not Found) |
| DELETE | Delete |  | 200 (OK), 404 (Not Found) |

## Indicators (/indicators)

|  |  |  |  |
| --- | --- | --- | --- |
| **HTTP Verb** | **CRUD function** | **Input** | **Output** |
| POST | Create | Name, Measure | 201 (Created) Location header points to new item |
| GET | Read | Filtering by (Name, Measure, Measure (Partial)) | 200 (OK) List of indicators |
| PUT | Update Replace |  | 405 (Method not allowed) |
| PATCH | Update Modify |  | 405 (Method not allowed) |
| DELETE | Delete |  | 405 (Method not allowed) |

## Health Data (/data/{id})

|  |  |  |  |
| --- | --- | --- | --- |
| **HTTP Verb** | **CRUD function** | **Input** | **Output** |
| POST | Create |  | 404, 409 (Already Exists) |
| GET | Read |  | 200 (OK), 404 (Not Found) |
| PUT | Update Replace | Indicator\_id, year, region | 200 (OK), 404 (Not Found) |
| PATCH | Update Modify | Any of (Indicator\_id, year, region) | 200 (OK), 404 (Not Found) |
| DELETE | Delete |  | 200 (OK), 404 (Not Found) |

## Indicators (/data)

|  |  |  |  |
| --- | --- | --- | --- |
| **HTTP Verb** | **CRUD function** | **Input** | **Output** |
| POST | Create | Indicator\_id, year, region | 201 (Created) Location header points to new item |
| GET | Read | Filtering by (indicator\_id(s), Measure(s), Measure (Partial)) | 200 (OK) List of data values |
| PUT | Update Replace |  | 405 (Method not allowed) |
| PATCH | Update Modify |  | 405 (Method not allowed) |
| DELETE | Delete |  | 405 (Method not allowed) |