# API documentation—crime locations last 5 years

This Service retrieves a list of Boundary Names and Location Types that can be passed to other services in this document.

## Look up Geographies

https://a5c7zwf7e5.execute-api.ap-southeast-2.amazonaws.com/dev/lut

### Returns

|  |  |  |
| --- | --- | --- |
| **Key** | **Data type** | **Accepted Format** |
| objectid | integer | Unique ID |
| searchlookup | string | Name of the Boundary that can be passed to other Service Call. |
| class | string | The type of Location or Boundary. Can be referenced to align to locationType in the Offence Service. (see Below) |
|  |  |  |

****Description:****

* ****searchlookup****

This field contains the names of boundaries that are referenced in the Offence data. These names can be used as input parameters in the Offence service.

* ****class****

This field contains boundary types. When performing a search in other service calls a boundary type (locationType) parameter can be useful. The below table is the link between class values and locationType values.

|  |  |  |
| --- | --- | --- |
| **LUT Service Call**  **(class)** | **Geographic Boundaries**  **locationType** | **Offence**  **Search** |
| QPS Division | QPS Division | Division |
| Suburb | SUBURB | SUBURB |
| POSTCODE | POSTCODE | POSTCODE |
| QPS District | QPS District | District |
| QPS Patrol Group | QPS Patrol Group | PATROLGROUP |
| Neighbourhood Watch | Neighbourhood Watch | NHW |
| Local Government Area | Local Government Area | LGA |
| QPS Region | QPS Region | REGION |

## Return Geographies

These services return spatial coordinates of features that form a boundary or the location of a Police Station.

****Get Police Stations List****

This service retrieves a list of Police Stations containing the following attributes.

****Example****

https://4w0qhtalkj.execute-api.ap-southeast-2.amazonaws.com/dev/pst

### Returns

|  |  |  |
| --- | --- | --- |
| **Key** | **Data type** | **Accepted Format** |
| feature | string | Geographic Coordinates |
| name | string | Police Station Name |
| address | string | Address Description |
| suburb | string | Suburb |
| pcode | string | PostCode |
| phonenumber | string | Phone Number |

****Get Boundary Geographies****

This service returns the spatial coordinates that form geographical boundaries.

Example

<https://a5c7zwf7e5.execute-api.ap-southeast-2.amazonaws.com/dev/locations?locationType=SUBURB&locationName=West%20End%20-%20Brisbane>

### Parameters

|  |  |  |
| --- | --- | --- |
| **Key** | **Data type** | **Accepted Format** |
| ****locationType**** | string | The Type of the Boundary being searched |
| ****locationName**** | string | The Name of the Boundary being searched |

****Description:****

* ****locationType****

This field requires the type of boundary. List is as follows. POSTCODE is not included as this is not an open data dataset.

|  |
| --- |
| **locationType** |
| QPS Division |
| SUBURB |
| QPS District |
| QPS Patrol Group |
| Neighbourhood Watch |
| Local Government Area |
| QPS Region |

* ****locationName****

Use this parameter to search boundary names.

### Returns

|  |  |  |
| --- | --- | --- |
| **Key** | **Data type** | **Accepted Format** |
| feature | string | Geographic Coordinates |
| name | string | Name of the boundary |
| type | string | Boundary Type |

## Search for Offences by boundary type and name

This API retrieves a list of offences that match a specified name or name fragment. The limit is currently 100,000. The location types should be used and are described below.

****Example****

<https://a5c7zwf7e5.execute-api.ap-southeast-2.amazonaws.com/dev/offences?locationType=Lga&startDate=06-26-2019&locationName=Brisbane&endDate=08-26-2019&format=JSON>

### Parameters

|  |  |  |
| --- | --- | --- |
| **Key** | **Data type** | **Accepted Format** |
| locationType | string | Boundary Type. Must be either SUBURB, LGA, DIVISION, REGION, DISTRICT, NHW, POSTCODE, PATROLGROUP (Case Sensitive) |
| startDate | string | 06-26-2019 (mm-dd-yyyy) |
| locationName | string | Name of search boundary |
| endDate | string | 06-26-2019 (mm-dd-yyyy) |
| format | string | XML, JSON,SQL,JSONP |
|  |  |  |

****Description:****

* ****locationType****

The locationType is the type of boundary that is being queried.

SUBURB is a suburb boundary

LGA is a Local Government Area

DIVISION is a Police Division

REGION is a Police Region

DISTRICT is a Police District

NHW is a Neighbourhood Watch Area

POSTCODE is a Post Code

PATROLGROUP is a Police Patrol Group Area

* ****startDate and endDate****

Must be presented in this format 06-26-2019 (mm-dd-yyyy)

* ****locationName****

The name of the boundary containing the offences

### Results

|  |  |  |
| --- | --- | --- |
| **Key** | **Data type** | **Description** |
| Type | string | Type of Crime |
| Date | string | Date "2019-06-26 00:00:00" |
| Postcode | string | Post Code |
| Area of Interest | string | Name of the requested area |
| ABS Meshblock | string | Australian Bureau of Statistics mesh block code that links to all other ABS Statistical Areas - <https://www.abs.gov.au/AUSSTATS/abs@.nsf/DetailsPage/1270.0.55.001July%202016?OpenDocument> |

****Offence Type List****

|  |
| --- |
| **Offence List** |
| Arson |
| Assault |
| Drug Offences |
| Fraud |
| Gaming Racing & Betting Offences |
| Good Order Offences |
| Handling Stolen Goods |
| Homicide (Murder) |
| Liquor (excl. Drunkenness) |
| Miscellaneous Offences |
| Other Homicide |
| Other Offences Against the Person |
| Other Property Damage |
| Other Theft (excl. Unlawful Entry) |
| Prostitution Offences |
| Robbery |
| Stock Related Offences |
| Traffic and Related Offences |
| Trespassing and Vagrancy |
| Unlawful Entry |
| Unlawful Use of Motor Vehicle |
| Weapons Act Offences |