





How to get a labelled version of the datasets?

1.From PDH .Stat Data Explorer

- Go to the Blue Pacific 2050 datasets: <u>.Stat Data Explorer BP50</u>
- Select one of the datasets from the list
- Verify whether the labels are visible in the table you are looking at
- If they aren't, change the Labels setting to either NAME or BOTH:

| .STAT EXPLORER | | | Ć | | 9 |) English |
|--|---|--------------|---------------|----------------|----------------|-----------|
| | | | | | | |
| Back to the search results | | | | | | |
| Refine your data selection: | → Data selected in this dataset with: 🕮 SEX: × TOTAL × AGE: × ALLAGES × URBANIZATION: × NATIONAL × INCOME: × TOTAL × | DTAL × EDUCA | TION LEVEL: > | ALL EDUCATIO | N LEVELS × | 1 |
| ✓ TIME | 72 data points selected in this dataset with: | NO BRE | AKDOWN BY DIS | ABILITY × FR | EQUENCY: AN | INUAL |
| V INDICATOR | | 0 | = < | : ± | 8 | 20 |
| V PACIFIC ISLAND COUNTRIES AND TERRITORIES | Overview Table Chart | Labels | Layout Sha | are Download D | eveloper API F | Full scre |
| V URBANIZATION | Blue Pacific 2050: Climate Change And Disasters (Thematic Area 5) | NAME | | | | |
| ✓ COMPOSITE BREAKDOWN 1 | Frequency: Annual | IDENTIFIER | E . | | | |
| | Time 2013 2015 2018 2018 | | | 2021 | | 2022 |
| | Pacific Island Countries and territories | BOTH | | | | |
| | Indicator: Climate change and disasters > All Pacific peoples have improved resilience to the impacts of climate change and disasters > Number of people affected by disaster | | | | | |







• Any of the Download options will contain the labels (and the codes):

| .STAT EXPLORER | | | | | | | | | | | | | Ì | ٢ | 9 | 🌐 English 👻 |
|--|-------------------|--------------|----------------------------|-------------------|---------------------|----------------------|------------------|--------------------|---|------------------------------------|------------|--------------|---------------|---------------|---------------|----------------|
| < Back to the search results | | | | | | | | | | | | | 1 | | | |
| Refine your data selection: | | | in this dataset wi | | BEX: × TOTAL | | | | | × INCOME: × 1 PLICABLE × DISABI | | | | | | |
| INDICATOR PACIFIC ISLAND COUNTRIES AND TERRITORIES | 72 data poin | | d in this dataset with: | - | TAKE- Y CTAC | 27. 0042 ¥ EN | - 2022 X I A | T 4 TIME CEDIEC | MALLIE/C) ¥ | | © Label | , S Layou | ≮ it Share | + Download | Developer | API Fullscreen |
| | Frequency: Annual | | | | | | | | TABLE IN EXCEL Filtered data in tabular text (CSV) | | | | | | | |
| ✓ COMPOSITE BREAKDOWN 1 | | d Countries | s and territories | | | Tir | e 2013 | 2015 | 2016 | 2018 | 202 | D | | | lar text (CSV | 2022 |
| | Indicator: C | limate chang | e and disasters > All Paci | ific peoples have | ve improved resilie | noe to the impacts o | climate change a | nd disasters > Num | ber of people affecte | d by disaster | | | | | | |

2.With the PDH .Stat developer API

- Go to the Blue Pacific 2050 datasets: .Stat Data Explorer BP50
- Select one of the datasets from the list
- Click on Developer API to find the Structure query call

| STAT EXPLORER | | English • | | | | | | | | | | | | |
|--|---|------------------------------------|--|--|--|--|--|--|--|--|--|--|--|--|
| | | | | | | | | | | | | | | |
| < Back to the search results | | | | | | | | | | | | | | |
| Refine your data selection: | Data selected in this dataset with: 22 SEX: X TOTAL X AGE: X ALLAGES X URBANZATION: X NATIONAL X NOOME: X TOTAL X EDUCATION LEVEL: X | ALL DUCATION LEVELS × | | | | | | | | | | | | |
| ✓ TIME | 22 data points selected in this dataset with: | | | | | | | | | | | | | |
| V INDICATOR | | ± 8 11 | | | | | | | | | | | | |
| ✓ PACIFIC ISLAND COUNTRIES AND TERRITORIES | Overview Table Chart Labels Layout Share | Download Developer API Full screen | | | | | | | | | | | | |
| V URBANIZATION 1 | | × | | | | | | | | | | | | |
| ✓ COMPOSITE BREAKDOWN 1 | Developer API query builder The application programming interface (API) based on the SDMX standard allows a developer to programmatically access the data using simple RESTful URL and HTTP header options for various choices of response formats including | | | | | | | | | | | | | |
| | JSON. To get started check the API documentation. For any question contact us, | ces of response formals molading | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | Data query Structure query | query | | | | | | | | | | | | |
| | SDMX flavour. Flat Time series | | | | | | | | | | | | | |
| | https://stats-sdmx- disseminate.pacificata.org/rest/data/SPC,DF_BPS@_5,1.0/ATTTTTTTTTTTT | _BP50_5/1.0?references=all | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | Copy code | | | | | | | | | | | | | |
| | The query filter is generated according to the current data selection. To change the data selection, use the filters on the left. | | | | | | | | | | | | | |

a. Using R

- Use the following code to retrieve a list of codelists associated to the various attributes and dimensions: https://gist.github.com/gvdr/c3f91f857861a11faba37cc157241f81#file-extract_objectsr-L4
- Use the following code **to retrieve IDs and Names** of a given codelist as a dataframe: https://gist.github.com/gvdr/c3f91f857861a11faba37cc157241f81#file-extract_objectsr-L68

www.pacificdatavizchallenge.org





• Use the following code **to get all the codelists in a Blue Pacific 2050 dataflow**: <u>https://gist.github.com/gvdr/c3f91f857861a11faba37cc157241f81#file-extract_objects-</u> <u>r-L132</u>

b. Using Julia

• Use the following code **to get a dataframe with all the codelists and codes from a PDH .Stat dataflow** (you'll find an example for the Blue Pacific 2050 dataflow and its indicators): <u>https://gist.github.com/gvdr/7f23fbfe45a133b2c4433c97344f4fd8</u>







