# Package 'rgho'

January 19, 2024

**Title** Access WHO Global Health Observatory Data from R

**Version** 3.0.2

**Description** Access WHO Global Health Observatory
(<https://www.who.int/data/gho/>)
data from R via the `OData` API
(<https://www.who.int/data/gho/info/gho-odata-api>),
an application program interface providing
a simple query interface to the World
Health Organization's data and statistics content.

**License** GPL (>= 3)

**Depends** R (>= 3.6.0)

**Imports** curl (>= 4.3.0), dplyr (>= 1.0.0), httr (>= 1.4.0), magrittr
(>= 2.0.0), tibble (>= 3.0.0), tidyr (>= 1.2.0), rlang (>=
1.0.0), ODataQuery (>= 0.5.3), lifecycle (>= 1.0.0)

**Suggests** testthat, knitr, rmarkdown

**VignetteBuilder** knitr

**RoxygenNote** 7.2.0

**BugReports** <https://github.com/aphp/rgho/issues>

**Encoding** UTF-8

**NeedsCompilation** no

**Author** Kevin Zarca [aut, cre],
Antoine Filipovic-Pierucci [aut],
Assistance Publique - Hôpitaux de Paris [cph]

**Maintainer** Kevin Zarca <kevin.zarca@gmail.com>

**Repository** CRAN

**Date/Publication** 2024-01-19 08:00:02 UTC

## R topics documented:

---

get_gho_data                 *Returns GHO Data*

---

### Description

Given a code, returns the corresponding GHO data.

### Usage

```
get_gho_data(code, filter = NULL)
```

### Arguments

| | |
|---|---|
| code | A GHO code. |
| filter | A named list of filtering parameters. Each parameter must be the correct type. |

### Details

Filtering parameters are given as a named list of the form `list(COUNTRY = "FRA", ...)`.

If you mispecify the filtering parameter, you will get a 400 Bad Request Error

### Value

A `GHO` object

### Examples

```
## Not run:
result <- get_gho_data(
  code = "MDG_0000000001"
)
print(result, width = Inf)


result <- get_gho_data(
  code = "MDG_0000000001",
  filter = list(
    REGION = "EUR",
    YEAR = 2015
  )
)
print(result, width = Inf)

## End(Not run)
```

---

rgho                          *rgho: Access WHO Global Health Observatory Data From R*

---

### Description

Access WHO Global Health Observatory data from R via the OData API, an application program interface providing a simple query interface to the World Health Organization's data and statistics content.

---

search_gho                    *Search Codes or Dimensions Labels*

---

### Description

Search Codes or Dimensions Labels

### Usage

```
search_gho(gho, x)

search_dimensions(x)

search_values(x, dimension = "GHO")
```

### Arguments

gho           An object from `get_gho_dimensions` or `get_gho_values`.

x             A character string to find in GHO labels.

dimension     A GHO dimension where codes will be searched.

### Value

A GHO object

### Examples

```
search_values("neonatal", dimension = "GHO")

result <- get_gho_values(dimension = "REGION")
search_gho(result, "asia")
```

# Index