

## **Wikiprint Book**

**Title: ESGF Data Visibility API**

**Subject: TracMeteo - ESGFDataVisibilityAPI**

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## ESGF Data Visibility API

Accessible API for querying counts of datasets published on ESGF<sup>1</sup>. This service currently serves information for CORDEX, CMIP5, obs4MIPs and ana4MIPs projects. The url is [?https://esg-dn1.nsc.liu.se:8843/api/datavisibility](https://esg-dn1.nsc.liu.se:8843/api/datavisibility)

It lists number of datasets published on datanodes, by project and also the number of datasets 'seen' by each federation index node. This information is

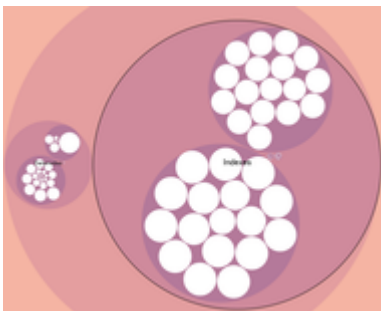
```
{
  "Datanodes": {
    "CMIP5": {
      "adm07.cmcc.it": 697,
      "bccsm.cma.gov.cn": 3796,
      "bmbf-ipcc-ar5.dkrz.de": 6490,
      "cmip-dn1.badc.rl.ac.uk": 10255,
      "cmip5.fio.org.cn": 185,
      "dapp2p.cccma.ec.gc.ca": 9297,
      "dias-esg-nd.tkl.iis.u-tokyo.ac.jp": 7584,
      "esg-dn1.nsc.liu.se": 1840,
      "esg.bnu.edu.cn": 241,
      "esg.cnrm-game-meteo.fr": 2877,
      "esg.lasg.ac.cn": 1090,
      "esg01.nersc.gov": 110,
      "esg2.e-inis.ie": 2913,
      "esgdata.gfdl.noaa.gov": 5723,
      "esgdata1.nccs.nasa.gov": 4465,
      "esgf.extra.cea.fr": 690,
      "esgnode2.nci.org.au": 1565,
      "noresg.norstore.uio.no": 0,
      "pcmdi7.llnl.gov": 186,
      "pcmdi9.llnl.gov": 243,
      "tds.ucar.edu": 5528,
      "vesg.ipsl.fr": 3765
    },
    "CORDEX": {
      "carbon.dkrz.de": 4701,
      "cordesg.dmi.dk": 5394,
      "data.meteo.unican.es": 228,
      "esg-dn1.nsc.liu.se": 27804,
      "esgf-data1.ceda.ac.uk": 1004,
      "esgf.extra.cea.fr": 200,
      "noresg.norstore.uio.no": 0
    },
    "ana4MIPs": {
      "esgdata1.nccs.nasa.gov": 8,
```

refreshed once every four hours.

## Circle packing of the available datasets

Circle packing of the available datasets from the CMIP5 exercise (Datanodes and Indexes) by PBrockmann. Click on any package to zoom in or out.<sup>2</sup>

[?http://bl.ocks.org/PBrockmann/09571d7326e2ca057ede](http://bl.ocks.org/PBrockmann/09571d7326e2ca057ede)



1. [?https://github.com/ESGF/esgf.github.io/wiki/ESGF-Data-Visibility-API](https://github.com/ESGF/esgf.github.io/wiki/ESGF-Data-Visibility-API)
2. [?https://gist.github.com/PBrockmann/09571d7326e2ca057ede](https://gist.github.com/PBrockmann/09571d7326e2ca057ede)