

Starter kit for time series

This REST web service is free of charge and allows to access the information provided in the BDM. It meets the [SDMX standards](#), version 2.1.

SDMX connectors

In order to retrieve data easily for exploiting them with different statistical softwares (SAS, R, Excel...), a tool is shared and freely available here: [Sdmx Connectors](#). It is configured to request several datasources provided by national and international organisations.

Simplified access to data by idbank

Data and characteristics for up to 400 series can be quickly retrieved using their unique identifier (idbank). This feature requires to get the series idbank from the website.

URL syntax: **/data/SERIES_BDM/idbanks?paramètres** with [idbanks] as a list of identifiers separated by "+".

The optional parameters are used to limit the amount of data sent back for each series:

- startPeriod: beginning of the reporting period ([2012-Q3](#), [1998-07](#));
https://bdm.insee.fr/series/sdmx/data/SERIES_BDM/001565137?startPeriod=2012-Q3
- lastNObservations: limit to the n most recent values;
https://bdm.insee.fr/series/sdmx/data/SERIES_BDM/001585934?lastNObservations=12
- detail: only provides a part of the dataset ([dataonly](#), [nodata](#));
https://bdm.insee.fr/series/sdmx/data/SERIES_BDM/001585934?detail=dataonly

Access to data by thematic group of series

This feature allows to get data for a set of series with similar characteristics. Several hundred thematic groups are defined, the list can be retrieved [here](#) (<https://bdm.insee.fr/series/sdmx/dataflow>).

URL syntax: **/data/dataflow/clé?paramètres** with [dataflow] being the identifier of the requested group.

It is advised to limit the amount of data sent back by using:

- the parameters described above
- the [key] part which allows to specify for each dimension (separated by ".") the chosen items (separated by "+")

For example, for the dataflow IPI-2010 (Industry Production price indices) with nine dimensions (six mandatory and NAF2, AUTRES_REGROUPEMENTS, BASIND). The key could be as follow:

- [/data/IPI-2010/...20-4.....](#): retrieve all the series for the nomenclature item 20,4 from the NAF (nomenclature of french activities), i.e. 4 series including 2 annual and 2 monthly by which one seasonal and working days adjusted
<https://bdm.insee.fr/series/sdmx/data/IPI-2010/...20-4.....>
- [/data/IPI-2010/M...20-4.....](#): retrieve the two monthly series from NAF 20.4
<https://bdm.insee.fr/series/sdmx/data/IPI-2010/M...20-4.....>
- [/data/IPI-2010/...20-4....CVS-CJO.](#): retrieve the SA-WDA series for Naf 20.4 i.e. series 001654579 (idbank)
<https://bdm.insee.fr/series/sdmx/data/IPI-2010/...20-4....CVS-CJO.> (mind the last dot)

The correspondence for each time series between its identifier idbank and its dimensions is available from the Documentation tab.

RSS feed

The data updates occurred in the last 30 days for group of series are listed in a RSS feed:

[/rss/donnees.](#)

<https://bdm.insee.fr/series/sdmx/rss/donnees>