Where do I find… ?

- Economic indicators & data on macro, meso and micro level
- Interest & exchange rates
- Benchmarks
- Credit ratings
- Industry & sector data
Further support

- Contact the data librarians for short questions by mail or to make an appointment: infofm@ubn.ru.nl

- Always mention: topic, supervisor, sample and variables & historical timeframe

- Visit our office: EOS 01.545

- Follow-up workshops as of 18 March (to be scheduled)

- Check our Library Guide Business and Economics! https://libguides.ru.nl/BE
Considerations

- Tip of the iceberg – only licensed databases and few other renowned databases on the [Library Guide Business Administration & Economics](#)
- Availability off-campus
- Different data sources, data sometimes partly overlaps, but all have their specialization(s) and methodologies
- Variation in presentation of the data and possibilities to customize & export
- FactSet & Eikon contain huge amounts of this kind of data
- Shopping in different databases can pay off!
Overview databases – indicators etc.

**IMF E Library – data**
Country level time-series historical economic and financial data. Multiple datasets, e.g.:
Overview databases – indicators etc.

IMF E Library – data
Multiple datasets, e.g.:

- International Financial Statistics
- Government Finance Statistics
- Direction of Trade Statistics
- Consumer Price Index
- Balance of Payments
Overview databases – indicators etc.

IMF E Library – data
Useful overview of the available datasets:


List of datasets: http://data.imf.org/?sk=388DFA60-1D26-4ADE-B505-A05A558D9A42&sId=1479329132316
Overview databases – indicators etc.

IMF E Library – data
Easy to use, search by datatype or country/region

Exports, FOB to Selected Areas
Middle East, North Africa, and Pakistan
US Dollars, Millions

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<td>1,061.98</td>
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Overview databases – indicators etc.

OECD – statistics
Stats on a range of (economic) topics, e.g.:

- Main Economic Indicators
- International trade and commodities
- Labour markets
- National accounts
- Taxation
Overview databases – indicators etc.

OECD – statistics
1. Pick a database, and one of its sub-datasets
2. Customize the data
3. Export
Overview databases – indicators etc.

See also e.g.

- **Eurostat**: EU statistics on many topics, including interest rates and exchange rates → [https://ec.europa.eu/eurostat/](https://ec.europa.eu/eurostat/)

- **Statline**: data from Statistics Netherlands (CBS) → [https://opendata.cbs.nl/statline/portal.html?_la=nl&_catalog=CBS](https://opendata.cbs.nl/statline/portal.html?_la=nl&_catalog=CBS)

- **FRED – Federal Reserve Economic Data**: US and international (macro)economic time series → [https://fred.stlouisfed.org/](https://fred.stlouisfed.org/)

- **UN Stats**: data on a range of topics, including world development issues → [https://unstats.un.org/](https://unstats.un.org/)

- **Penn World Tables**: information on relative levels of income, output, input and productivity worldwide → [https://www.rug.nl/ggdc/productivity/pwt/](https://www.rug.nl/ggdc/productivity/pwt/)
Overview databases – indicators etc.

World Bank – data
Worldwide economic statistics in different datasets, including e.g.

- World Development Indicators
- Statistical Capacity Indicators
- World Governance Indicators
- Millenial Development Goals

https://databank.worldbank.org/
Overview databases – indicators etc.

World Bank – data

Easy to use:
1. Choose a dataset
2. Pick countries
3. Choose variables
4. Select years
5. Export
Overview databases – indicators etc.

Measuring sustainable development, see e.g.


- **Comprehensive Wealth** ➔ [https://www.iisd.org/project/comprehensive-wealth](https://www.iisd.org/project/comprehensive-wealth)
Overview databases – indicators etc.

Especially for national and sub-national socio-economic indicators for developing counties: **Global Data Lab** (dr. Jeroen Smits)

- **Area Database**
- **Subnational Human Development Index**
- **International Wealth Index**

Important source: survey data  
[https://globaldatalab.org/](https://globaldatalab.org/)
Overview databases – indicators etc.

Some important sources of survey data:

- **Enterprise Surveys** ➔ [https://www.enterprisesurveys.org/](https://www.enterprisesurveys.org/) (request an account with the provider)

- **World Values Survey** ➔ [http://www.worldvaluessurvey.org/wvs.jsp](http://www.worldvaluessurvey.org/wvs.jsp)

- **European Values Study** ➔ [https://europeanvaluesstudy.eu/](https://europeanvaluesstudy.eu/)

- **European Social Survey** ➔ [https://www.europeansocialsurvey.org/](https://www.europeansocialsurvey.org/)

*Keep in mind that different sources can employ different methodologies!*
Overview databases – indicators etc.

Cultural Economics → Hofstede's cultural dimensions

GEERT HOFSTEDOE

Dimension data matrix

Here are, in downloadable .xls, .doc, .csv and .sav (SPSS) format, the base culture data for six dimensions of culture as presented in Cultures and Organizations 3rd edition 2010. Researchers can use them without asking for permission. Those who are considering commercial use should contact us.

Researchers wishing to work with our data are strongly advised to read Culture's Consequences 2nd ed 2001. The research and VSM section of this website also contains some advice.

These are the data as used in our books (version 2015 12 08):

6 dimensions for website.csv
6 dimensions for website.xls

Overview databases – indicators etc.

Need more inspiration? → the MacroDataGuide

http://www.nsd.uib.no/macrodataguide/
Overview databases – indicators etc.

*Tip*: make use of standard classifications in your dataset in order to merge the data later on!

- **EU NUTS classification** (Nomenclature of territorial units for statistics) → [https://ec.europa.eu/eurostat/web/nuts/background](https://ec.europa.eu/eurostat/web/nuts/background)

- **ISO country codes** (International Organization for Standardization) → [https://www.iso.org/iso-3166-country-codes.html](https://www.iso.org/iso-3166-country-codes.html)

Overview databases – indicators etc.

Issue with these databases: searching in multiple datasets at once often not possible. You can in FactSet and Eikon.

FactSet (c. 2 mln. Economics series)
- web-based database, desktop version & Excel add-in
- available on terminals in MSc & Central Library and access off-campus
- request an account through the Library Team (infofm@ubn.ru.nl)

Eikon (>10.000.000 data items in Economics)
- available at 4 terminals on campus; book a timeslot through the Library team (see: https://libguides.ru.nl/BE/Eikon)

Both databases offer data from many sources including World Bank, IMF, national statistics offices etc.
However, coverage not always 100%, so cross-checking can pay off!
Overview databases – indicators etc.

FactSet Economics
Useful & customizable Economics tool in the desktop version

Create time series for e.g.
- National accounts data
- Government finances
- Retail sales

Both on country or world region (e.g. Eurozone)

Everything can be exported to Excel
FactSet Economics
Or: pull the data straight in your dataset through Excel:

- insert formula → series lookup

- choose your series in the Economics category
- click Info to get series details (like frequencies)
- insert dates & frequency and add the selection (can be multiple series)
- pull into Excel

Don’t forget to click refresh in the ribbon!
Overview databases – indicators etc.

Eikon – economic data
1. Do a time series request
2. Find series
3. Choose category: Economics
Overview databases – indicators etc.

Eikon – economic data

Make use of the filters

And/or advanced search
Overview databases – indicators etc.

Eikon – economic data
Filter e.g. on countries, frequency, currency and source (to facilitate comparison)
Overview databases – indicators etc.

Eikon – economic data
Select as many variables as you like, as long as timeframe (and frequency) are the same.
Selecting a datatype is usually not necessary for ‘Economics’ variables.
Rates, benchmarks & ratings

Get **interest rates & exchange rates** from e.g.:
- World Bank
- Eurostat
- IMF
- FactSet
- Eikon

### Interest Rates selected indicators
Financial, Interest Rates, Monetary Policy Related Interest Rate, Percent per annum

Source: International Financial Statistics (IFS)

<table>
<thead>
<tr>
<th>Country</th>
<th>Scale</th>
<th>Base Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>World</td>
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<tr>
<td>Advanced Economies</td>
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</tr>
<tr>
<td>United States</td>
<td>Units</td>
<td>0.13</td>
</tr>
</tbody>
</table>

Get **benchmarks & credit ratings** from:
- Eikon
- FactSet
Interest & exchange rates

In FactSet & Eikon → use Excell add-in

FactSet
- use the sidebar → identifier lookup
- choose the rate, datatype (e.g. spot) and timeframe
- pull in Excel (use refresh!)
Interest & exchange rates

In Eikon:
Same steps as with Economics, but you can select a datatype (e.g. bid or offered rate for exchange rate). If you don’t, you’ll get the normal rate.

Check with the serie which key-datatypes apply.

Make sure you pick the datatype in the same category!
Benchmarks

In Eikon & FactSet in Excel:
e.g. 6 month US T-bill -> interest rates (Eikon) or Fixed income → Government benchmarks (FactSet, with the sidebar)
Credit ratings

Heavily guarded by suppliers!
Historical ratings only available for >10 yrs from S&P

Get them from Eikon desktop version, 2 options:
1. Per company or sovereign
Search in the black bar and go for issuer ratings
Credit ratings

2. Use the **Screener**
Search for ‘screener’ in the top-bar, select criteria to build a dataset or upload your own list of companies.
Credit ratings

Next step: find issuer rating in the ‘data item library’ and select time (‘as of D0’ = latest). Edit the output with date, value and rating source description.

Do not make a series (doesn’t work)!
You can only do one observation at once, so to get a series you have to repeat this, but change the dates.
Credit ratings

FactSet (desktop)
Get ratings by government or firm (not customizable) or pull ratings for a list in the screener.

In follow-up workshops we’ll be working with the screener.
Industry & sector data

- **FactSet** (desktop) → Industry module (e.g. performance on industry basis, constituents)

- **Eikon** (desktop) through Individual firms (peers etc.)

- **Euromonitor – Passport** → e.g. industry level statistics, competitors, consumer data, some city/region level data. Focus: markets and marketing → [https://libguides.ru.nl/BE/data](https://libguides.ru.nl/BE/data)

*Make sure to work with industry codes (like the SIC) to merge data later on!*
Three things to (definitely) remember

- shopping databases often pays-off
- use standard classifications (e.g. ISO or SIC code)
- don’t hesitate to ask for advice!

ANY QUESTIONS?