International Data Sources & Data Literacy

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2018 IOWA GODORT SUMMER WORKSHOP

International Data Sources & Data Literacy
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FINDING INTERNATIONAL DATA — WHAT’S THE PATRON’S END GOAL?

- Do they know where their data resides? (Agency, Organization, NGO). Have them check multiple locations for a particular agency.
- Which indicators are they trying to locate?
- Do they need an entire dataset? A time series? Are they combining datasets? Do they have the Excel skills to do this?
- What data format do they need? (*.xls, *.csv, JSON, APIs)
- Can free visualization tools from agency/organization enhance their research?
- Have they checked relevant publications for embedded data?
- If relevant data not available for country/region/topic, they can write to agency for more information.
- Check Twitter for updates about datasets.
INTERNATIONAL DATA SOURCES — START HERE

**Organization**
- OECD: https://data.oecd.org/
- World Bank: https://unstats.un.org/unsd/databases.htm

**Repositories/Tools**
- UK Data Archive: http://www.data-archive.ac.uk/find
- Harvard’s Dataverse: https://dataverse.harvard.edu/
- Our World In Data: https://ourworldindata.org/
INTERNATIONAL DATA — TODAY’S TOPICS

• Gender Equity, Climate Change, Public Health, Trade & Tariffs

• Encourage patrons to combine their topics with these search terms: data, datasets, indicators, repository, database, data visualization, statistics, archive

• Data may be buried on agency websites (often under Resources)

• Encourage secondary data usage in classroom setting (Dechman & Syms)

• Finding (or creating) datasets that facilitate comparison between different types of measures – across collection agencies and varied political, social or geographic contexts or time series (Dechman & Syms)
GENDER EQUITY

World Bank Group’s Gender Data Portal is a source for the latest sex-disaggregated data and gender statistics covering demography, education, health, access to economic opportunities, public life and decision-making, and agency.

http://datatopics.worldbank.org/gender/

OECD Gender Data Portal includes selected indicators that demonstrate on gender inequalities in education, employment, entrepreneurship, health and development, showing how far we are from achieving gender equality and where actions is most needed. The data cover OECD member countries, as well as partner economies including Brazil, China, India, Indonesia, and South Africa. www.oecd.org/gender/data/
Gender Inequality Index (GII) | Human Development Reports

hdr.undp.org/en/content/gender-inequality-index-gii
GENDER EQUITY

IMF

https://data.world/imf/gender-equality

Access data, visualizations, and stories that portray results of the IMF's research on gender and economics or create your own charts and analysis. This dataset includes gender inequality and development indices. Requires login.

Data.gov.uk

https://data.gov.uk/search?q=gender+equal
CLIMATE CHANGE

US Government
National Oceanic and Atmospheric Administration (NOAA) Climate.gov
https://www.climate.gov/maps-data/datasets/formats/json

Data.gov
https://www.data.gov/climate/

World Bank
CLIMATE CHANGE

United Nations
https://www.unenvironment.org/explore-topics/climate-change

OECD
http://www.oecd.org/env/cc/
http://www.compareyourcountry.org/cop21
CLIMATE CHANGE — DATA VISUALIZATION

OECD’s Compare Your Country Mapping Tool
http://www.compareyourcountry.org/cop21

**Compare your country** is a service provided by the OECD. You are invited to share this tool or to embed it into your website. OECD Terms and Conditions apply.

**Data source**
- OECD.Stat

**Related Publication**

**Climate Change Mitigation - Policies and Progress**
- Website with additional information
OECD

http://www.oecd.org/els/health-systems/health-data.htm

OECD Health Statistics 2018 released on June 28.

Comprehensive source of comparable statistics on health and health systems across OECD countries. Tool to carry out comparative analyses and draw lessons from international comparisons of diverse health systems.

World Health Statistics Data Visualization Dashboard
http://apps.who.int/gho/data/node.sdg
TRADE & TARIFFS

World Bank
https://data.worldbank.org/topic/trade
Trade Tariffs Explained:
http://blogs.worldbank.org/trade/picture-trade-types-tariffs-explained

OECD
www.oecd.org/trade/

World Trade Organization
Statistics Database

Trade and tariff data
https://www.wto.org/english/res_e/statis_e/statis_e.htm
Trade & Tariffs

Tariff Tracker - Washington Post:

Trump tariff tracker
The United States imported $2.4 trillion in goods in 2017.

Trump has enacted tariffs on $85 billion worth of goods, or 3.6 percent of total imports.

Trump's trade fight by country

**China**
- Tariffs enacted: $37 billion
- China retaliation: $37B
- Trump threats: $416B

**Mexico**
- Tariffs enacted: $3B
- Mexico retaliation: $3B
- Trump threats: $117B

**Canada**
- Tariffs enacted: $13B
- Canada retaliation: $13B
- Trump threats: $62B

**Japan**
- Tariffs enacted: $2B
- Japan retaliation: $0B
- Trump threats: $56B

**European Union**
- Tariffs enacted: $8B
- E.U. retaliation: $3B
- Trump threats: $50B

Sources: U.S. Census Bureau; Peterson Institute for International Economics
TRADE & TARIFFS: DATA SOURCES

The Office of the United States Trade Representative (USTR)
Agency of more than 200 committed professionals with decades of specialized experience in trade issues and regions of the world. Trade capacity building (TCB) is a critical part of the United States' strategy to enable developing countries to negotiate and implement market-opening and reform-oriented trade agreements and to improve their capacity to benefit from increased trade.

https://ustr.gov/

Trade Capacity Building
Filter and explore U.S. Government Trade Capacity Building activities by income group, region, implementing agency, or category.

https://tcb.usaid.gov/
https://tcb.usaid.gov/dashboard.html
TRADE & TARIFFS

UN Comtrade Database
https://comtrade.un.org/
Free access to global trade data. Repository of official international trade statistics and relevant analytical tables. All data is accessible through API.

UN Comtrade Labs - Exploring Trade Data
https://comtrade.un.org/labs/
A place to showcase innovative uses of UN Comtrade data. Explore data visualizations and metadata, data extraction tools, and alternative dissemination platforms.
TRADE: DATA VISUALIZATION

WTO’s International Trade and Market Access Data

https://www.wto.org/english/res_e/statis_e/statis_bis_e.htm

<table>
<thead>
<tr>
<th>Indicator</th>
<th>Product / Sector</th>
</tr>
</thead>
<tbody>
<tr>
<td>Simple Average Applied MFN tariff</td>
<td>All Products</td>
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DATA LITERACY

• Students need to be able to identify, find, and critically consider data sources

• Faculty want data searches to be time efficient, concerned about losing class time to data instruction

• Faculty may be concerned about keeping up and their own expertise

• Future goal - teach faculty/students to search library catalog for data

(Source: Dechman & Syms, 2014)
QUESTIONS?

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https://works.bepress.com/lisa_deluca/

Relevant Research Guides
United Nations  https://library.shu.edu/un
International Relations  https://library.shu.edu/intrela


Kishi, R. How to Clean Data from Multiple datasets to prepare for combining. Available at: https://www.acleddata.com/2015/04/28/how-to-clean-data-from-multiple-datasets-to-prepare-for-combining/