SOSC 1210 Library Workshop

Thursday, Sept 13, 2018  3 - 3:50pm

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Welcome to
The SOSC 1210 Library Workshop

1. Scan your student i.d. card at front of room
2. Get out a pen or pencil for writing
3. Open your browser and go to
   https://libguides.ust.hk/sosc1210/
4. Be prepared to share your thoughts
Outline

Background – & Intro (5 min)
  1. World Bank Data (15 min)

In-depth team exploration (jig-saw) – 10 min
  1. UN Data
  2. HK Census and Statistics
  3. ILO
  4. IMF Data
  5. Passport (Euromonitor)
  6. Statista

Report to your Group 2 min each (min) – 12 min
Report to Class & Victoria’s comments - 5 min
Data citation & Feedback
Goals

• Will be able to search for & find social science data, relevant to your research interests in order to be able to:
  – **Explore** and **Use** a data source that in an area of interest
  – **Write** about it for your seminar

• Long-term goal
  – Help you become a reflective and critical user of quantitative social science data.

Data are never neutral
• They are collected for a purpose
• They are used for a purpose
SOSC 1210 - First-Year Seminar for Quantitative Social Analysis: Introduction

This guide will help QSA first year student explore and use social science data sources

Goals of this Library Guide

The short-term goal of this guide is to supplement the face-to-face Library sessions:

- Will be able to search and find useful social science data, relevant to your research interests in order to be able to:
  - Explore and Use a data source that interests area of interest
  - Write about it for your seminar

The long-term goal of this guide is to help you become a reflective and critical user of quantitative social science data.

Data is never neutral

Who Collects Data & Why

Governments:
- Purpose: administrative functions & social control purposes (taxation or licensing)
- Different bureau's or departments keep different data
  - For example, HK transport dept keeps stats on car registrations

Non-governmental organizations (including religions and businesses)
- Purpose: administrative functions, control, and advocacy

What is Collected?

Information on individuals & then often aggregated
- Names
- Gender
- Births
- Marriage
- Deaths
- Illness
- Property owned (houses, cars, etc.)
- Movements
Identify a social science topic that is of interest to you, and then discuss which of the sources that you were introduced to during your session at the library might be useful for learning more about that topic, or conducting research.

Please provide some examples of interesting relevant data from that source.

150-250 words (approximately 1/2 page) should be sufficient.
Find & Explore Data Sources

https://libguides.ust.hk/sosc1210/find-data
1. Exercise 1 - World Bank Open Data (a)

Who?

Look for names in the banner
Choose the menu (hamburger or “3” 三)
1. Exercise  World Bank Open Data (b)

- About us – can be useful
- Terms of Use – very important
1. Exercise  World Bank Open Data (c) Terms of use

Summary Terms of Use

- Unless indicated otherwise in the data or indicator metadata, you are free to copy, distribute, adapt, display or include the data in other products for commercial or noncommercial purposes at no cost under a Creative Commons Attribution 4.0 International License, with the additional terms below. The basic terms may be accessed here. When you download or use the Datasets, you are agreeing to comply with the terms of a CC BY 4.0 license, and also agreeing to the following mandatory and binding addition.

Any and all disputes arising under this License that cannot be settled amicably shall be resolved in accordance with the following procedure.

- Pursuant to a notice of mediation communicated by reasonable means by either You or the Licensor to the other, the dispute shall be submitted to non-binding mediation conducted in accordance with rules designated by the Licensor in the copyright notice published with the Work, or if none then in accordance with those communicated in the notice of mediation. The language used in the mediation proceedings shall be English unless otherwise agreed.

You must include attribution for the data you use in the manner indicated in the metadata included with the data. Generally, you agree to provide attribution to The World Bank and its data providers in the following format: The World Bank: Dataset name: Data source (if known). When sharing or facilitating access to the Datasets, you agree to include the same acknowledgment requirement in any sub-licenses of the data that you grant, and a requirement that any sub-licensees do the same. You may meet this requirement by providing the uniform resource locator (URL) of these terms of use.

Look for things about attribution (citation)

OK, now I’m ready to look at the World Bank itself (right click on banner)
1. Exercise  World Bank Open Data (d)

Right click ”Who We are” to open http://www.worldbank.org/en/who-we-are

After we’ve looked at this, let’s go back to our “Data” tab
1. Example - World Bank Open Data (f)

What

– Data by Country & Indicator

Scroll down & look at more

What

“World Development Indicators”
1. Example - World Bank Open Data

World Development Indicators

- Open World Development Indicators
- Scroll & see many years of WDI
- Has bulk downloads in excel & csv.
- [Look at URL]

http://datatopics.worldbank.org/world-development-indicators/

Explore Data Themes

Data Themes

- Poverty and Inequality
- People
- Environment
- Economy
- States and Markets
- Global Links

Access Data

Open Data & DataBank

Bulk Downloads

API Documentation

The World Bank indicators API allows users to programmatically access all the WDI indicators and query the data in several ways, using parameters to specify the request.
1. Example - World Bank Open Data

World Development Indicators

Urban and rural development

Access to electricity, urban (% of urban population)

EG.ELC.ACCS.UR.ZS

Marine protected areas (% of territorial waters)

ER.PTD.TOTL.ZS

You have chosen to open:

Opening API_SH.STA.BASS.UR.ZS_DS2_en_csv_v2_63603.zip
Explore Your assigned Source

1. UN Data (Ace)
2. HK Census & Statistics
3. IMF
4. ILO
5. Passport (Euromonitor)
6. Statista
Explore Your assigned Source (8 Min)

Exercise 2 – Investigate & Evaluate Data Sources for your group & Report Back

<table>
<thead>
<tr>
<th>Database name</th>
<th>Who</th>
<th>What</th>
<th>When</th>
<th>How – Terms of Use?</th>
<th>How – format &amp; search interface</th>
<th>Overall impression or thoughts</th>
</tr>
</thead>
</table>

**Who** collects it & compiles it?

**What**
- Type of data (topic?)

**When**
- Are the data from?
- How often collected?

**How** do you use it?
- Terms of Use?
- Search interface?
Exercise 3:
Share What you Learned w Your Group (12 min)

• Each person speaks for ~2 min
• Describe what you found out about the tool
• Victoria will sound buzzer at every 2 minutes
Exercise 4: Class-wide Sharing - (6 min)

1. UN Data
2. HK Census & Statistics
3. IMF
4. ILO
5. Passport (Euromonitor)
6. Statista

When can you imagine using each data source & tool?
How to Cite Data

The basic format of data citation should include:

**Creator (Year). Title. Version (optional). Publisher. Resource Type (optional). Identifier.**

- Version & Resource Type are optional
- Identifier could be a DOI or a persistent URL

These are the examples given by DataCite:

- Irino, T., Tada, R. (2009). Chemical and mineral compositions of sediments from QOP Site 127-797. Geological Institute, University of Tokyo. [http://dx.doi.org/10.1594/PANGAEA.726555](http://dx.doi.org/10.1594/PANGAEA.726555)

**Data Set - APA Style**

*Section 7.06 of APA manual*

**Format:** Rightsholder. A. A. (Year). *Title of data set [Data file].* Retrieved from [http://www.xxxxxx](http://www.xxxxxx)

**Example**

Buildings Department, Hong Kong Special Administrative Region Government (2014, April). New buildings - Occupation permits issued


**Note:** Retrieved from, rather than available from, indicates that the URL takes you directly to the data set file rather than to a download site.
Feedback

https://library.ust.hk/feedback