**Status of Aboriginals in Canada**

- Team Members

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- Project Description/Outline

Canadian Community Health Survey (CCHS) is a cross-sectional survey that collects information related to health status, health care utilization and health determinants for the Canadian population. It relies upon a large sample of respondents and is designed to provide reliable estimates at the health region level every 2 years.

The purpose of this project is to analyze the differences between Aboriginal and Non-Aboriginal identity population regarding access to health care services, perceived health status, frequency of diseases and socioeconomical aspects (income, education, age structure).

- Research Questions to Answer

What is the distribution of aboriginal population throughout the national provinces?

Proportion of aboriginal population on and off reserves

How do we compare the access to healthcare services (medical doctor for example) for both population?

How do we compare Influenza immunization for both population?

- Datasets to be Used

Census 2016 (json)

<https://www12.statcan.gc.ca/wds-sdw/cpr2016-eng.cfm>

Canadian Community Health Survey (CCHS) (csv)

<http://www23.statcan.gc.ca/imdb/p2SV.pl?Function=getSurvey&SDDS=3226>

Health indicator profile, by Aboriginal identity and sex, age-standardized rate, four year estimates

<https://www150.statcan.gc.ca/t1/tbl1/en/tv.action?pid=1310009901>

The Community Well-Being (CWB) Index

<https://www.aadnc-aandc.gc.ca/eng/1100100016579/1100100016580>

- Rough Breakdown of Tasks

**JP:**

API: Census (all)

Ploting: Census Education pie, Age pyramid, World Cloud maple leaf

**Lisa:**

Pandas (cleaning): *Canadian Community Health Survey (CCHS)*

Plotting: *Canadian Community Health Survey (CCHS)*

Conceptualizing project, sourcing data, research, and ppt presentation

**Luciana:**

API: Census (part I, getting geo\_code)

Pandas (merging and cleaning): *The Community Well-Being (CWB) Index*

Plotting: *The Community Well-Being (CWB) Index*

*Canadian Community Health Survey (CCHS)*

**Max:**

## Pandas (cleaning): Canadian Community Health Survey (CCHS), census Income

Plotting: Census Population and income

*Canadian Community Health Survey (CCHS)*