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Environmental Datasets now available from Manitoba Population Research Data Repository

MCHP is pleased to offer a suite of environmental datasets that can be linked to population, health and social data within the Manitoba Population Research Data Repository by postal-codes.

These data are available thanks to the MCHP participation in a pan-Canadian partnership, called The Canadian Urban Environmental (CANUE) Health Research Consortium. The data cover the province of Manitoba at the postal-code geographic area.

The [CANUE](#) datasets are listed below. They will be of interest for a wide range of studies including those investigating the impacts of the urban environment on health, for example – the amount of nearby traffic, local air quality, access to greenspaces, opportunities for walking and cycling, the amount of noise and light pollution, studies supporting future planning of healthy cities and towns. They would also be of interest to researchers studying impacts of climate factors on health.

- Annual Modelled Nitrogen Dioxide
- Monthly Modelled Nitrogen Dioxide
- Annual Modelled Ozone
- Monthly Modelled Ozone
- Annual Satellite-based Fine Particulates
- Annual Satellite-based Sulfur Dioxide
- Annual Landsat NDVI (greenness)
- Annual MODIS NDVI (greenness)
- Annual AVHRR NDVI (greenness)
- Annual Satellite-based Nighttime Light
- Annual Interpolated Weather Indices
- Annual Water Balance Metrics
- Monthly Water Balance Metrics
- Material and Social Deprivation Indices
- Canadian Marginalization Indices
- Active Living Environments Indices
- Access to Employment Indices
- Local Climate Zones

For a detailed description of the CANUE data, please visit:

http://umanitoba.ca/faculties/health_sciences/medicine/units/chs/departmental_units/mchp/resources/repository/descriptions.html?ds=CANUE

For more information on accessing data at MCHP:

http://umanitoba.ca/faculties/health_sciences/medicine/units/chs/departmental_units/mchp/resources/access.html