



Environment  
Community  
Health  
Observatory  
Network

Réseau  
observatoire sur  
l'environnement  
les communautés  
et la santé

# NB EnviroScreen: mapping cumulative impacts in NB

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NEW BRUNSWICK ENVIRONMENTAL NETWORK  
RÉSEAU ENVIRONNEMENTAL DU NOUVEAU-BRUNSWICK



{{{ECHO}}}

**Environment, Community,  
Health Observatory Network**  
Strengthening intersectoral  
capacity to understand and  
respond to health impacts of  
resource development



**"Taking Notice for Action": Integrative Tools & Processes:**  
*(e.g. Integrative assessment tools; Indicator frameworks; Geospatial tools; Arts-based and narrative tools.)*

**KNOWLEDGE & EXPERIENCE**  
of the Cumulative Impacts of Resource Development (Local Knowledge; Secondary Data (Monitoring/ Surveillance) Primary Research)



**INTERSECTORAL ACTIONS & RESPONSES**  
to the Cumulative Impacts of Resource Development (decisions, policies, practices in specific regions, contexts, jurisdictions)

**Network Exchange to Respond, Evaluate, Learn**  
*Learning together in ways that cannot be achieved by the health sector (or any sector) alone*



\*NEF: Five Ways to Wellbeing

# NBEnviroScreen



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## Pollution load

Exposure

## Population characteristics

Senitive populations

Environmental effects

Socio-economic factors

Based on CalEnviroScreen methodology  
- Liévanos et al., 2018

# Pollution Load

PM 2.5      O<sub>3</sub>      NO<sub>x</sub>, SO<sub>x</sub>

**Environmental exposure**

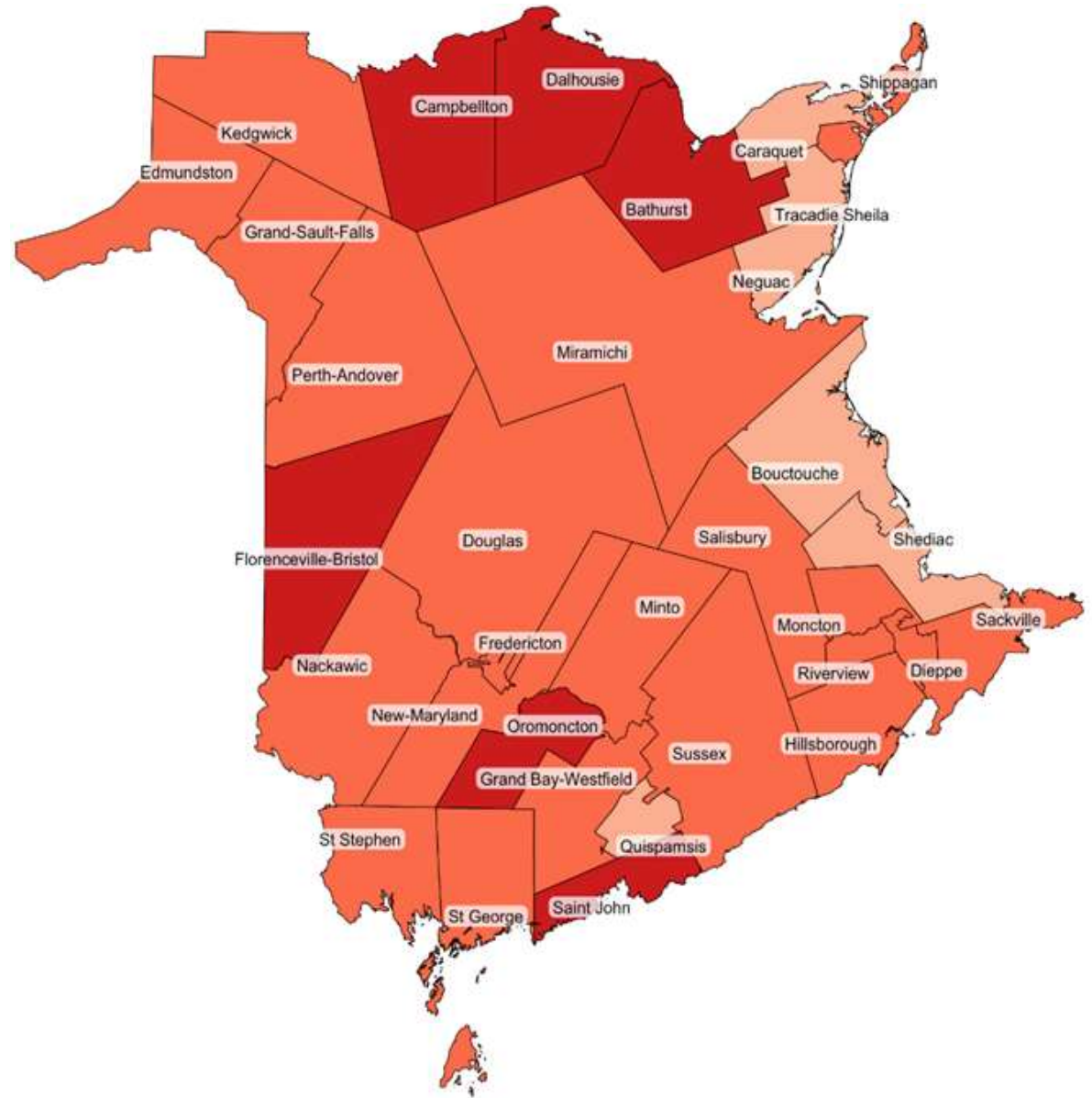
Pb, As, Mn      T°C increase  
in water      Ppt increase

# industries

# decontaminated sites      # contaminated sites

**Environmental effects**

Affected waterways      Contaminated groundwater



# Population characteristics

MPOC      Asthma      Cancer

**Sensitive population**

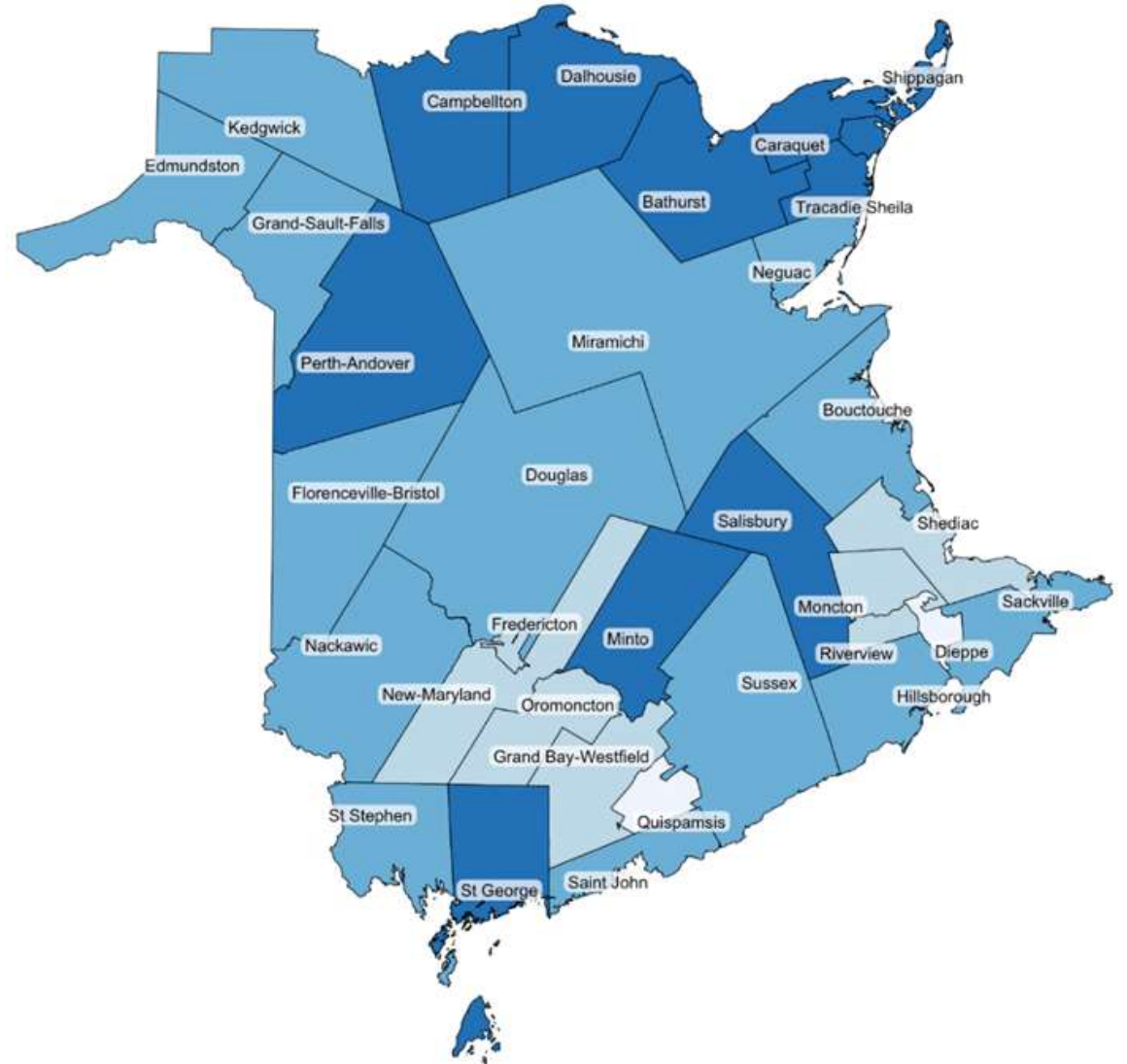
Low birth weight      Cardiovascular

Hypertension

Low income households      Household needing repair      Job less

**Socio-economic factors**

% non-bilingual      Median age +65 old      No diploma



# NB ENVIROSCREEN

