

**Supplementary table 1: Scoping review screening forms**

Question	Options	Definitions/additional notes
<p><b>Level 1 Screening (Title/Abstract)</b> We will screen title and abstracts to evaluate relevance of each study.</p>		
<p>1.1. Do the title and/or abstract of this publication report information on food, retail, <u>or</u> nutrition studies?</p>	<ul style="list-style-type: none"> <li>○ Yes, <b>INCLUDE</b></li> <li>○ No, <b>EXCLUDE</b></li> <li>○ Unsure, <b>INCLUDE</b></li> <li>○ The abstract/title are not in English or French, <b>EXCLUDE</b></li> </ul> <p><i>If [exclude], form complete; click SUBMIT.</i> <i>If [include], go to next question.</i></p>	<p><b>Include:</b></p> <ul style="list-style-type: none"> <li>- Any study that mentions Nutrition North Canada (NNC)</li> <li>- The food topic may include the following: sovereignty, access, (in)security, availability, traditional food harvesting, sharing,</li> <li>- Any report, evaluation, critique, editorial, opinion piece regarding food and retail subsidies                             <ul style="list-style-type: none"> <li>- Include whole diet diversity or nutrition studies, even if food insecurity is not explicitly mentioned.</li> </ul> </li> <li>- Any report, evaluation, critique, editorial, opinion piece regarding nutrition studies</li> </ul> <p><b>Exclude:</b> If household food insecurity is not explicitly mentioned, then exclude:</p> <ul style="list-style-type: none"> <li>- Toxicological or general health studies</li> <li>- Traditional food contaminant studies</li> <li>- Ecological/biological studies related to migratory/spawning patterns of animals harvested for traditional food without a harvesting practices component (i.e. an educational program for hunting practices based on migratory patterns would be included, but a program designed to protect a spawning location would not)</li> </ul>
<p>1.2. Does the publication take place in Canada, USA, Finland, Sweden, Norway, Greenland, Russia, Australia, or New Zealand?</p>	<ul style="list-style-type: none"> <li>○ Yes, <b>INCLUDE</b></li> <li>○ No, <b>EXCLUDE</b></li> <li>○ Unsure, <b>INCLUDE</b></li> </ul> <p><i>If [exclude], form complete; click SUBMIT.</i> <i>If [include], go to next question.</i></p>	<p><i>Err on the side of <b>inclusion</b> at the screening stage. If you cannot tell whether the article is irrelevant, include and the full text can be evaluated at level 2.</i></p>
<p>1.3. Does the publication take place in remote, <u>or</u> isolated regions?</p>	<ul style="list-style-type: none"> <li>○ Yes, <b>INCLUDE</b></li> <li>○ No, <b>EXCLUDE</b></li> <li>○ Unsure, <b>INCLUDE</b></li> </ul> <p><i>If [exclude], form complete; click SUBMIT.</i> <i>If [include], form complete; click SUBMIT.</i></p>	<p><b>Include:</b></p> <ul style="list-style-type: none"> <li>- Any study that uses the terms “remote” or “isolated” when describing the region.</li> <li>- Any study that uses the terms “Arctic” or “sub-Arctic” when describing the region.</li> <li>- Studies where the remote or isolated nature of the population is unclear in the abstract/title.</li> <li>- Studies using the terms “fly-in” or “ice road”.</li> <li>- Northern communities in Canada encompass the Northwest Territories, Yukon, as well as the four regions of the Inuit Nunangat (Nunavik, Nunsiaavut, Nunavut, and Inuvialuit). This definition also includes remote, isolated communities in the northern provinces in Canada.</li> </ul>

		<p><b>Exclude:</b></p> <ul style="list-style-type: none"> <li>- Studies in locations described as “rural” or “urban”.</li> <li>- Studies taking place in or adjacent to cities.</li> <li>- Studies taking place in Whitehorse, Yellowknife</li> <li>- Studies using national program data that do not include remote/isolated locations (e.g. CCHS, CHMS, CHSCY, NPHS, NHANES, Australian National Liveability Study)</li> </ul>
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<b>DRAFT Level 2 Screening (Full Text)</b> We will screen the full text to evaluate relevance of each study.		
2.1. Does this publication report information on food, retail, <u>or</u> nutrition studies?	<ul style="list-style-type: none"> <li>o Yes, <b>INCLUDE</b></li> <li>o No, <b>EXCLUDE</b></li> </ul> <p><i>If [exclude], form complete; click SUBMIT.</i></p> <p><i>If [include], go to next question.</i></p>	<p><b>Include:</b></p> <ul style="list-style-type: none"> <li>- Any study that mentions Nutrition North Canada (NNC)</li> <li>- The food topic may include the following: sovereignty, access, (in)security, availability, traditional food harvesting, sharing,</li> <li>- Any report, evaluation, critique, editorial, opinion piece regarding food and retail subsidies               <ul style="list-style-type: none"> <li>- Include whole diet diversity or nutrition studies, even if food insecurity is not explicitly mentioned.</li> </ul> </li> <li>- Any report, evaluation, critique, editorial, opinion piece regarding nutrition studies</li> </ul> <p><b>Exclude:</b> If household food insecurity is not explicitly mentioned, then exclude:</p> <ul style="list-style-type: none"> <li>- Toxicological or general health studies</li> <li>- Traditional food contaminant studies</li> <li>- Ecological/biological studies related to migratory/spawning patterns of animals harvested for traditional food without a harvesting practices component (i.e. an educational program for hunting practices based on migratory patterns would be included, but a program designed to protect a spawning location would not)</li> </ul>

<p>2.2. Is the article written in English or French?</p>	<ul style="list-style-type: none"> <li><input type="radio"/> Yes, INCLUDE</li> <li><input type="radio"/> No, EXCLUDE</li> </ul> <p><i>If [exclude], form complete; click SUBMIT.</i></p> <p><i>If [include], go to next question.</i></p>	
<p>2.3. In which region(s) does the study take place? Select one or more.</p>	<ul style="list-style-type: none"> <li><input type="radio"/> Finland, INCLUDE</li> <li><input type="radio"/> Sweden, INCLUDE</li> <li><input type="radio"/> Norway, INCLUDE</li> <li><input type="radio"/> Greenland, INCLUDE</li> <li><input type="radio"/> Australia, INCLUDE</li> <li><input type="radio"/> New Zealand, INCLUDE</li> <li><input type="radio"/> USA, INCLUDE</li> <li><input type="radio"/> CANADA, INCLUDE [Go to 2.3b]</li> <li><input type="radio"/> Cannot determine (only select if article is not written in English or French) [exclude]</li> </ul> <p><i>If [exclude], form complete; click SUBMIT.</i></p> <p><i>If [include], go to next question.</i></p>	
<p>2.4. Does the publication take place in remote, <u>or</u> isolated regions?</p>	<ul style="list-style-type: none"> <li><input type="radio"/> Yes, INCLUDE</li> <li><input type="radio"/> No, EXCLUDE</li> <li><input type="radio"/> Unsure, INCLUDE</li> </ul> <p><i>If [exclude], form complete; click SUBMIT.</i></p> <p><i>If [include], go to next question.</i></p>	<p><b>Include:</b></p> <ul style="list-style-type: none"> <li>- Any study that uses the terms “remote” or “isolated” when describing the region.</li> <li>- Any study that uses the terms “Arctic” or “sub-Arctic” when describing the region.</li> <li>- Studies where the remote or isolated nature of the population is unclear in the abstract/title.</li> <li>- Studies using the terms “fly-in” or “ice road”.</li> <li>- Northern communities in Canada encompass the Northwest Territories, Yukon, as well as the four regions of the Inuit Nunangat (Nunavik, Nunsiaavut, Nunavut, and Inuvialuit). This definition also includes remote, isolated communities in the Northern provinces in Canada.</li> </ul>

		<p><b>Exclude:</b></p> <ul style="list-style-type: none"> <li>- Studies in locations described as “rural” or “urban”.</li> <li>- Studies taking place in or adjacent to cities.</li> <li>- Studies taking place in Whitehorse, Yellowknife.</li> <li>- Studies using national program data that do not include remote/isolated locations (e.g. CCHS, CHMS, CHSCY, NPHS).</li> </ul>
<p>2.5. Select the study design:</p>	<ul style="list-style-type: none"> <li>o Primary research study, <b>INCLUDE</b></li> <li>o Review (i.e. systematic, scoping, rapid, narrative). <b>EXCLUDE</b></li> <li>o Other (e.g. abstract, commentary, opinion, editorial). <b>EXCLUDE</b></li> <li>o Cannot determine, <b>INCLUDE</b></li> </ul> <p><i>If [exclude], form complete; click SUBMIT.</i>  <i>If [include], go to next question.</i></p>	<p>Any primary research studies to include, but not limited to:</p> <ul style="list-style-type: none"> <li>- Trials (randomized randomized trials, non-randomized control trials)</li> <li>- Quasi-experimental studies (e.g., difference-in-difference approach, interrupted time series)</li> <li>- Interventional studies without concurrent controls (e.g., compares to historical records, before and after studies)</li> <li>- Factorial studies (e.g., for multifactorial interventions)</li> <li>- Crossover studies</li> <li>- Observational studies</li> <li>- Natural experiments</li> <li>- Case studies (exposures without a control group)</li> <li>- Policy evaluations (quantitative or mixed methods)</li> <li>- Modelling studies</li> <li>- Thematic analysis of barriers or facilitators (bucketed)</li> </ul>
<p>2.6. Does the study discuss an intervention or exposure with a measured food insecurity or sovereignty outcome?</p>	<ul style="list-style-type: none"> <li>o Yes, <b>INCLUDE</b></li> <li>o No, <b>EXCLUDE</b></li> </ul> <p>Form complete; click SUBMIT.</p>	<p>Quantitative outcomes measuring food insecurity, access, affordability, and sovereignty will be included.</p> <p><b>Includes:</b></p> <ul style="list-style-type: none"> <li>- Validated food insecurity scales, such as the HFSSM and its derivatives.</li> <li>- Self-reported experience or perceptions of household food insecurity.</li> <li>- Outcomes designed to capture participant satisfaction, attitudes, and perceptions towards the intervention/exposure, even if there is no measure of household food insecurity.</li> <li>- Measurement of individual factors contributing to overall food security, such as food access or availability (e.g. weight of food shipped to community) in communities.</li> <li>- Measurement of household food affordability such as food basket pricing or percent of household expenditures on food.</li> <li>- Food sovereignty measures such as percentage of diet consisting of traditional foods, or self-reported access to traditional foods or foods that were locally grown or prepared.</li> <li>- Whole diet diversity, consumption of healthy foods, food purchasing practices, or nutrition studies if food security is mentioned.</li> </ul>

		<ul style="list-style-type: none"><li>- Participation rates for programs designed to address food security, accessibility, affordability, or sovereignty</li></ul> <p><b>Exclude:</b></p> <ul style="list-style-type: none"><li>- Toxicological status or health outcomes if there is no measure of household food insecurity, sovereignty, or their components.</li><li>- Traditional food contamination studies if there is no measure of household food insecurity, sovereignty, or their components.</li><li>- Interview results/qualitative analysis</li></ul>
<b>END OF FORM</b>		