

Circumpolar MCH Indicators (ROUND 2)

Thank you so much for participating in ROUND 1 of this process!

A note about the indicators in ROUND 2: The group is close to reaching a consensus. Below you will find the same indicators you evaluated in ROUND 1. You will also find the mean and median group responses from ROUND 1. Some new items suggested by the panel have been added. As these represent concepts suggested by the panel, they are not accompanied by definitions from the literature.

A note about definitions: Based on your feedback, definitions of some indicators have been clarified or added to the alternative definitions provided in the attached info sheet. We realize that there are many different ways to define each indicator and that there are many possible ways to capture related phenomena. All of the definitions identified in the scoping review are included in the attached info sheet. The primary definition is that which was used most frequently in this body of international literature.

For ROUND2, please rate the indicators according to the same four criteria. You may use the ROUND 1 group responses to adjust your own responses.

Criteria definitions:

Importance: Level of concern of healthcare users or policy makers and the degree to which the indicator is susceptible to being influenced by the healthcare system

Circumpolar Relevance: Significance in the circumpolar context

Validity: Degree to which the indicator measures what it intends to measure

Reliability: Degree to which the indicator provides stable results across various populations, circumstances, and time points

Please select your level of agreement with each statement according to the following scale.

- 1 - Strongly disagree
- 2 – Disagree
- 3 - Somewhat disagree
- 4 – Neutral
- 5 - Somewhat agree
- 6 – Agree
- 7 - Strongly Agree

If you do not know, or you prefer not to answer, please select N/A.

Consent to participate in a research study

Study Title:

Performance Measurement in a Circumpolar Context: Developing indicators for maternity care

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You are being invited to participate in this research study because your peers have identified you as an expert in Northern maternity care, Northern health systems, or the development and evaluation of health systems performance indicators.

About the Study:

Assessment of performance in healthcare is a necessary component of a responsible health system. At present, maternity care systems in the circumpolar world are based on a model that treats health system responsiveness (the ability of the health system to meet the needs and expectations of the population it serves in accordance with the values of that population) and health outcomes as competing interests. However, in the context of low risk maternity care this conflict is not founded in evidence. A performance measurement strategy that recognizes a responsive health system as both a means to an end and an end in itself is a necessary step toward resolving this conflict. This project will use a modified Delphi consensus process to generate a set of contextually appropriate performance indicators for maternity care in circumpolar regions. The findings will help to inform the ongoing development of information systems in Northern Canada and contribute to the provision of safe, responsive, and culturally appropriate maternity care for Indigenous women.

Your participation:

Participation will include completion of a series of online surveys (two to three in total) over a period of 1-3 months. Each survey will take approximately 30-45 minutes to complete and will ask you to evaluate each indicator's importance, relevance, validity, and reliability. Your participation in this study is voluntary. You may refuse to participate or withdraw your participation at any time without consequences. If you do not want to continue, you can simply leave the survey website prior to submitting your answers. You may also choose to skip any questions that you do not wish to or feel able to answer without consequences. Please note that the research study you are participating in may be reviewed for quality assurance to make sure that the required laws and guidelines are followed. If chosen, a representative of the Human Research Ethics Program (HREP) may access study-related data and/or consent materials as part of the review. All information accessed by the HREP will be upheld to the same level of confidentiality that has been stated by the research team.

Level of maternal physical activity

	1	2	3	4	5	6	7	N/A
This indicator is important.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
This indicator is relevant to the circumpolar context.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Maternal oral health

	1	2	3	4	5	6	7	N/A
This indicator is important.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
This indicator is relevant to the circumpolar context.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Maternal smokeless tobacco use

	1	2	3	4	5	6	7	N/A
This indicator is important.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
This indicator is relevant to the circumpolar context.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Maternal housing (experiences of overcrowding or being inadequately or under-housed)

	1	2	3	4	5	6	7	N/A
This indicator is important.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
This indicator is relevant to the circumpolar context.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

If you have any additional comments, please include them here.

Neonatal readmission to hospital

Rate of neonatal hospital readmission after discharge following birth

	1	2	3	4	5	6	7	N/A
This indicator is important. [mean=5.86, median=6, SD=1.10]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
This indicator is relevant to the circumpolar context. [mean=5.86, median=6, SD=1.10]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
This indicator is valid. [mean=6.08, median=6, SD=1.04]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
This indicator is reliable. [mean=5.92, median=6, SD=1.32]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Vitamin D supplementation

	1	2	3	4	5	6	7	N/A
This indicator is important.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
This indicator is relevant to the circumpolar context.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Prenatal vitamin use

	1	2	3	4	5	6	7	N/A
This indicator is important.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
This indicator is relevant to the circumpolar context.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Screening for gestational diabetes (GDM)

	1	2	3	4	5	6	7	N/A
This indicator is important.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
This indicator is relevant to the circumpolar context.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Rate of unintended pregnancies

	1	2	3	4	5	6	7	N/A
This indicator is important.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
This indicator is relevant to the circumpolar context.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

If you have any additional comments, please include them here.

Postpartum visit(s)

Proportion of women that report having attended a postpartum follow up visit

	1	2	3	4	5	6	7	N/A
This indicator is important. [mean=6.36, median=6, SD=0.63]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
This indicator is relevant to the circumpolar context. [mean=6.08, median=6, SD=1.38]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
This indicator is valid. [mean=5.91, median=6, SD=1.30]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
This indicator is reliable. [mean=6.09, median=6, SD=0.94]	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Availability of a maternity care provider in patient's community

	1	2	3	4	5	6	7	N/A
This indicator is important.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
This indicator is relevant to the circumpolar context.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Availability of a maternity care provider that speaks the same language and/or is from the same culture as the patient

	1	2	3	4	5	6	7	N/A
This indicator is important.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
This indicator is relevant to the circumpolar context.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

If you have any additional comments, please include them here.

Total cost to obtain standard of care for (example condition) including cost of medical evacuation as well as direct and indirect costs incurred by the patient/family

	1	2	3	4	5	6	7	N/A
This indicator is important.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
This indicator is relevant to the circumpolar context.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

If you have any additional comments, please include them here.