Performance on the EDI Domains by Sex

% of the Metis children not ready by domain by sex

**Physical Health & Well-being**

- **Girls**
  - Better than expected: 1%
  - Worse than expected: 12%

- **Boys**
  - Better than expected: 1%
  - Worse than expected: 20%

**Social Competence**

- **Girls**
  - Better than expected: 10%
  - Worse than expected: 11%

- **Boys**
  - Better than expected: 14%
  - Worse than expected: 19%

**Emotional Maturity**

- **Girls**
  - Better than expected: 13%
  - Worse than expected: 12%

- **Boys**
  - Better than expected: 16%
  - Worse than expected: 16%

**Language & Cognitive Development**

- **Girls**
  - Better than expected: 14%
  - Worse than expected: 11%

- **Boys**
  - Better than expected: 19%
  - Worse than expected: 17%

**Communication Skills & General Knowledge**

- **Girls**
  - Better than expected: 16%
  - Worse than expected: 10%

- **Boys**
  - Better than expected: 22%
  - Worse than expected: 12%

**Not Ready in**

- **1 Domain**: 27%
- **2 Domains**: 8%
- **3 Domains**: 4%
- **4 Domains**: 3%
- **5 Domains**: 2%

**Notes/Citations**

This study was based on data from 59,926 children; 6,932 (11.6%) were Metis and 52,994 (88.4%) were not Metis.

**Disclaimer**

The authors acknowledge the Manitoba Centre for Health Policy for use of data contained in the Population Health Research Data Repository under project HIPC#2018/2019-21. The results and conclusions are those of the authors and no official endorsement by the Manitoba Centre for Health Policy, Manitoba Health, or any other data provider is intended or should be inferred. Data used in this study are from the Population Health Data Repository housed at the Manitoba Centre for Health Policy. University of Manitoba and were derived from data provided by the Manitoba Metis Federation, Manitoba Health, the Department of Families, Healthy Child Manitoba, and Manitoba Education and Training.

**References**


**Questions**

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**METIS KIDS:**

**STARTING BEHIND**

Early Development Instrument (EDI) is a measure of ‘readiness for school’ based on developmental milestones. In Manitoba, the EDI is administered province-wide in all 37 public school divisions and participating First Nations and independent schools every 2 years in the spring by Kindergarten teachers. The EDI is a 103 item checklist that measures readiness in 5 domains.

**DOMAINS**

- **Communication Skills and General Knowledge**
  - Children can tell a story and communicate with adults and other children.

- **Emotional Maturity**
  - Children can concentrate on tasks, help others, show patience, and are not often aggressive or angry.

- **Language and Cognitive Development**
  - Children are interested in reading and writing, can count, and recognize numbers and shapes.

- **Physical Health and Well-being**
  - Children are healthy, independent, and rested each day.

- **Social Competence**
  - Children play and get along with others, share, and show self-confidence.
“Not Ready”

Classified as not ready in a domain if a child’s score is below the 10th percentile (based on Canadian norms).

35% of METIS children are “Not Ready” for school.

27% CANADA AVERAGE
29% MANITOBA AVERAGE

Not Ready by MMF Regions

% of Metis children not ready in at least one domain by region:

- Thompson: 38%
- The Pas: 42%
- North West: 35%
- South East: 29%
- Interlake: 30%
- Winnipeg: 36%

Number of Domains “Not Ready”

% of Metis and non-Metis children not ready in more than one domain:

- Metis: 34.9%
- Non-Metis: 28.6%

Summary

While Manitoba children generally fare poorer than the rest of Canada with respect to EDI scores, Metis children fared worse in not being prepared for school than other children in the province with over a 1/3 of Metis children not prepared. A higher percentage of Metis children were not ready in each of the five domains compared to children who were not Metis. Also, a higher percentage of Metis children were not ready in multiple domains. Children from lower income neighbourhoods are more likely to be not ready.

Metis Vs Non-Metis

% of the Metis and non-Metis children not ready on each of the five EDI domains:

<table>
<thead>
<tr>
<th>Domain Count</th>
<th>Metis Not Ready</th>
<th>Non-Metis Not Ready</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 Domain</td>
<td>12.1%</td>
<td>10.4%</td>
</tr>
<tr>
<td>2 Domains</td>
<td>14.6%</td>
<td>11.6%</td>
</tr>
<tr>
<td>3 Domains</td>
<td>16.4%</td>
<td>11.6%</td>
</tr>
<tr>
<td>4 Domains</td>
<td>16.8%</td>
<td>12.9%</td>
</tr>
<tr>
<td>5 Domains</td>
<td>14.0%</td>
<td>10.5%</td>
</tr>
</tbody>
</table>

Change Over Time

% of Metis and Non-Metis children not ready for school in at least one EDI domain over time.

Not Ready for School

METIS
NON-METIS

27% – Expected percentage of Canadian children not ready for school.

Children from lower income neighbourhoods are more likely to be not ready for school.

The Pas and Thompson regions had higher percentages of children not ready for school.