

EDI – MISSION WAVE 7 RESULTS

Early Years Development Instrument

"The quality of early childhood affects the quality of the future population and the prosperity of the society in which these children are raised."

(Dr. Fraser Mustard)



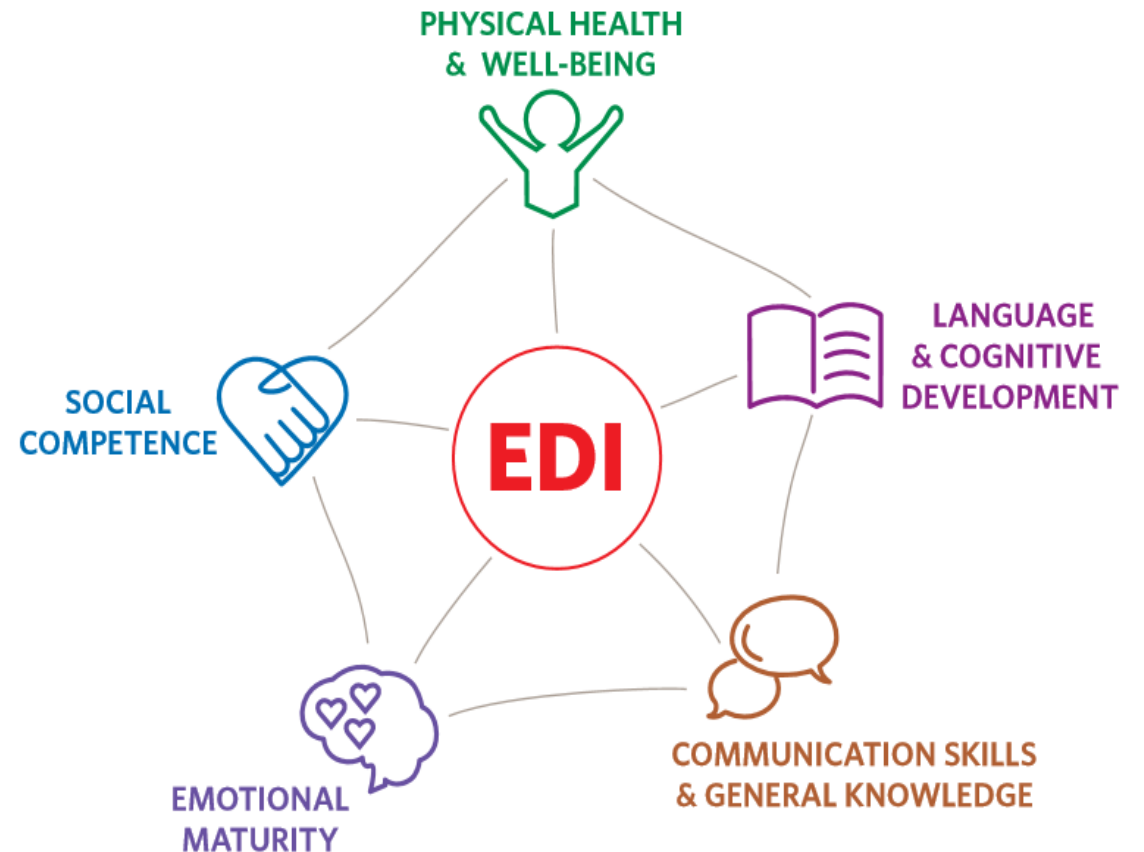
EDI Data Collection

- Data is collected in 3 year 'waves' to capture sufficient data in all school districts. Wave 7 is from 2016-2019.
- Kindergarten teachers complete a questionnaire in February.
- It is a population-level monitoring questionnaire, not a screening or diagnosis device for individual children.
- Participation is voluntary; parents can opt out.
- Results do not report Indigenous children separately.

EDI SCALES

Data is gathered in five domains that are strong predictors of health, education, and social outcomes in adolescence and adulthood.

THE FIVE SCALES OF THE EDI



Measuring Vulnerability

"Vulnerable children are those who, without additional support and care, are more likely to experience future challenges in their school years and beyond."

- Vulnerability scales report the percentage of children who are vulnerable on one or more of the five EDI scales.
- Vulnerability is reported only for groups, not individuals.
- Research links higher rates of vulnerability at school entry with higher rates of dropout, mental health issues, and unemployment.
- HELP considers 10% rate of vulnerability to be 'reasonable' or expected. The current rate of vulnerability in B.C. is 33.4%.

**What can we
do with the
data?**

"Every system is perfectly
designed to achieve the
outcomes it gets."

(W. Edwards Deming)

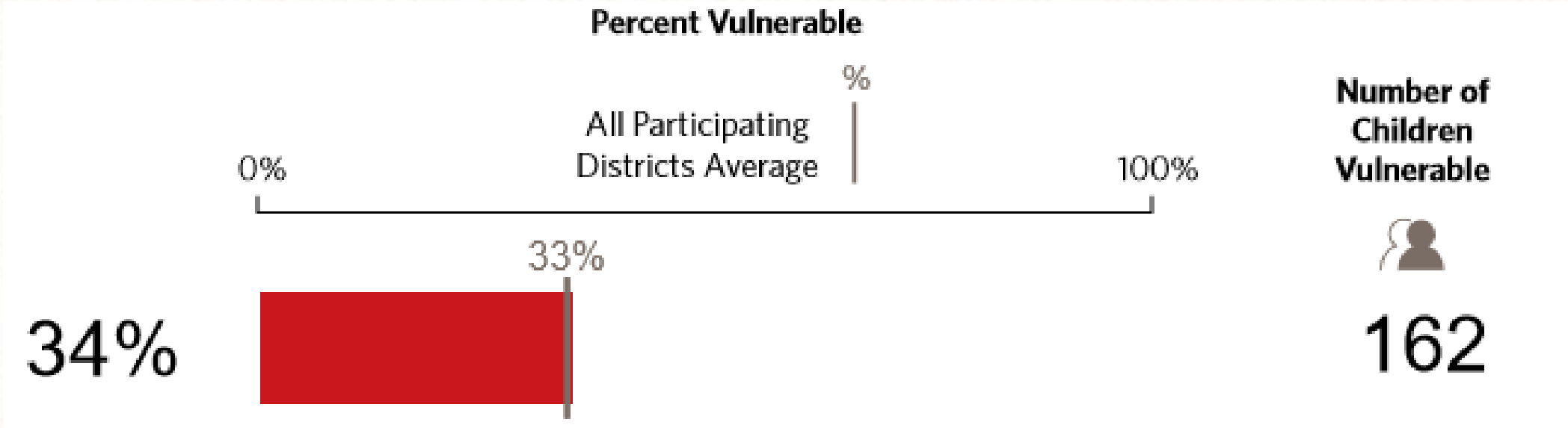
EDI data represents the
outcomes of the many systems
that influence the quality of the
lives of young children and
families.

"To shift the kinds of EDI trends that we are currently seeing, we need to shift our attention in a substantial way towards the deeper structures and processes that created them."

(HELP, UBC)



Mission EDI Results



Mission EDI Results

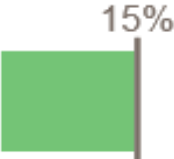
FIGURE 10. WAVE 7 SCALE LEVEL VULNERABILITY FOR MISSION



PHYSICAL HEALTH & WELL-BEING

Children’s gross and fine motor skills, physical independence and readiness for the school day such as, motor control, energy level, daily preparedness for school and washroom independence.

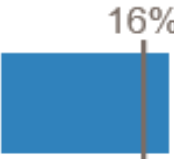
15%



SOCIAL COMPETENCE

Children’s overall social competencies, capacity for respect and responsibility, approaches to learning, and readiness to explore new things.

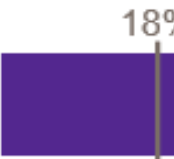
19%



EMOTIONAL MATURITY

Children’s prosocial and helping behaviours, as well as hyperactivity and inattention, and aggressive, anxious and fearful behaviour.

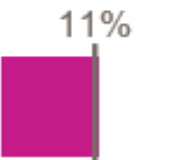
20%



LANGUAGE & COGNITIVE DEVELOPMENT

Children’s basic and advanced literacy skills, numeracy skills, interest in math and reading, and memory.

11%



COMMUNICATION SKILLS & GENERAL KNOWLEDGE

Children’s English language skills and general knowledge, such as their ability to clearly communicate one’s own needs, participate in story-telling, and general interest in the world.

12%

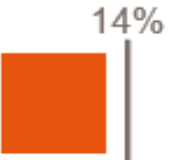
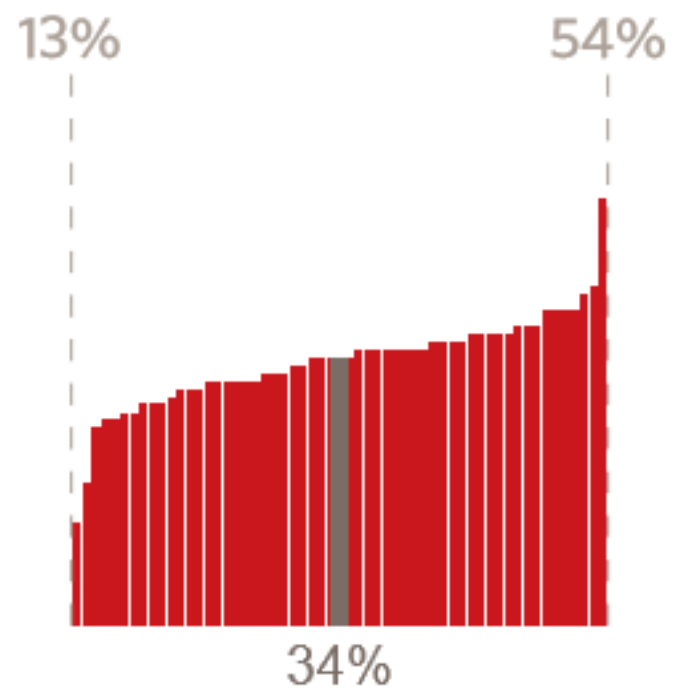


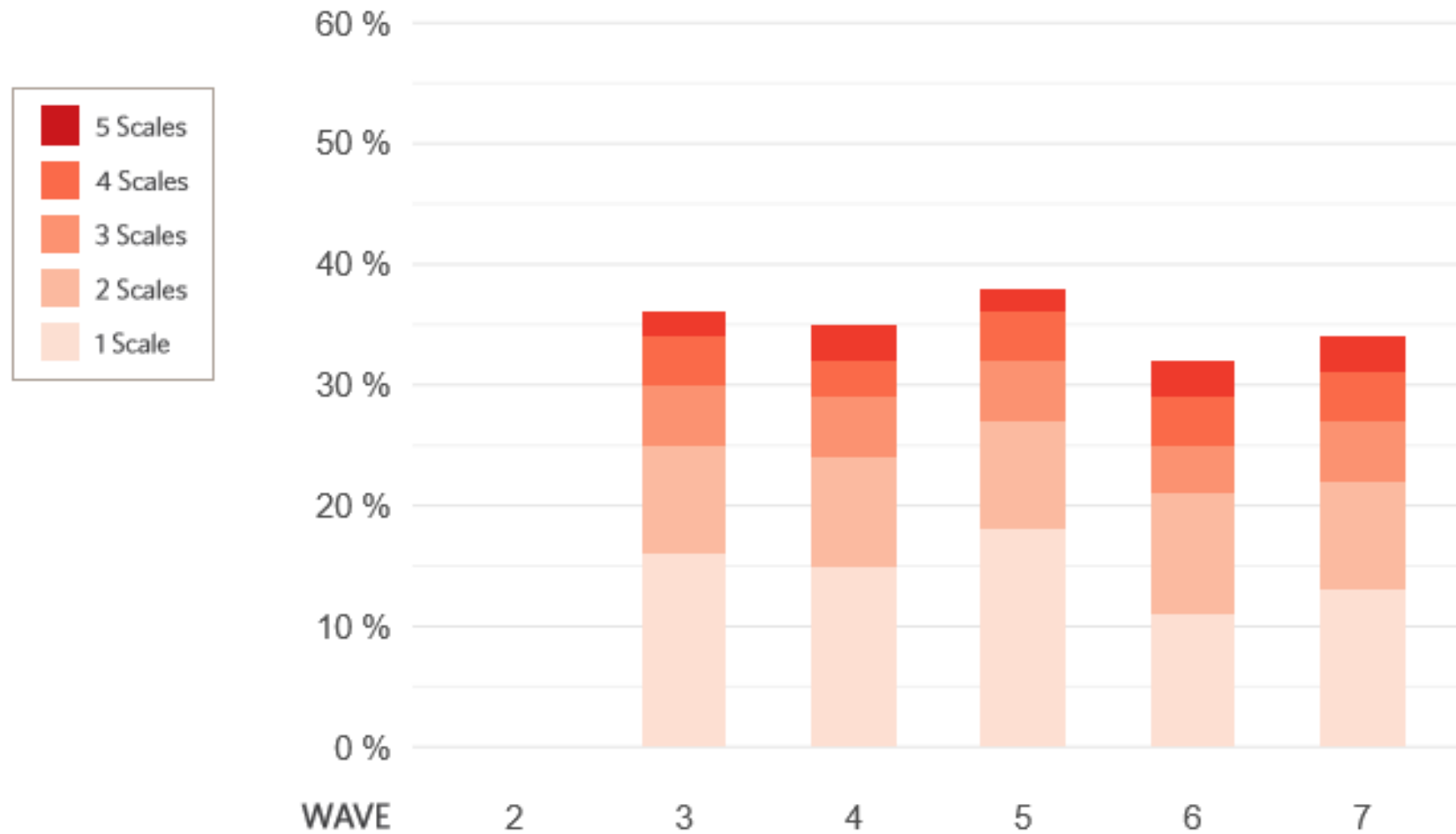
FIGURE 13. WAVE 7 VULNERABILITY IN MISSION WITHIN A PROVINCIAL CONTEXT

VULNERABLE ON ONE OR MORE SCALES

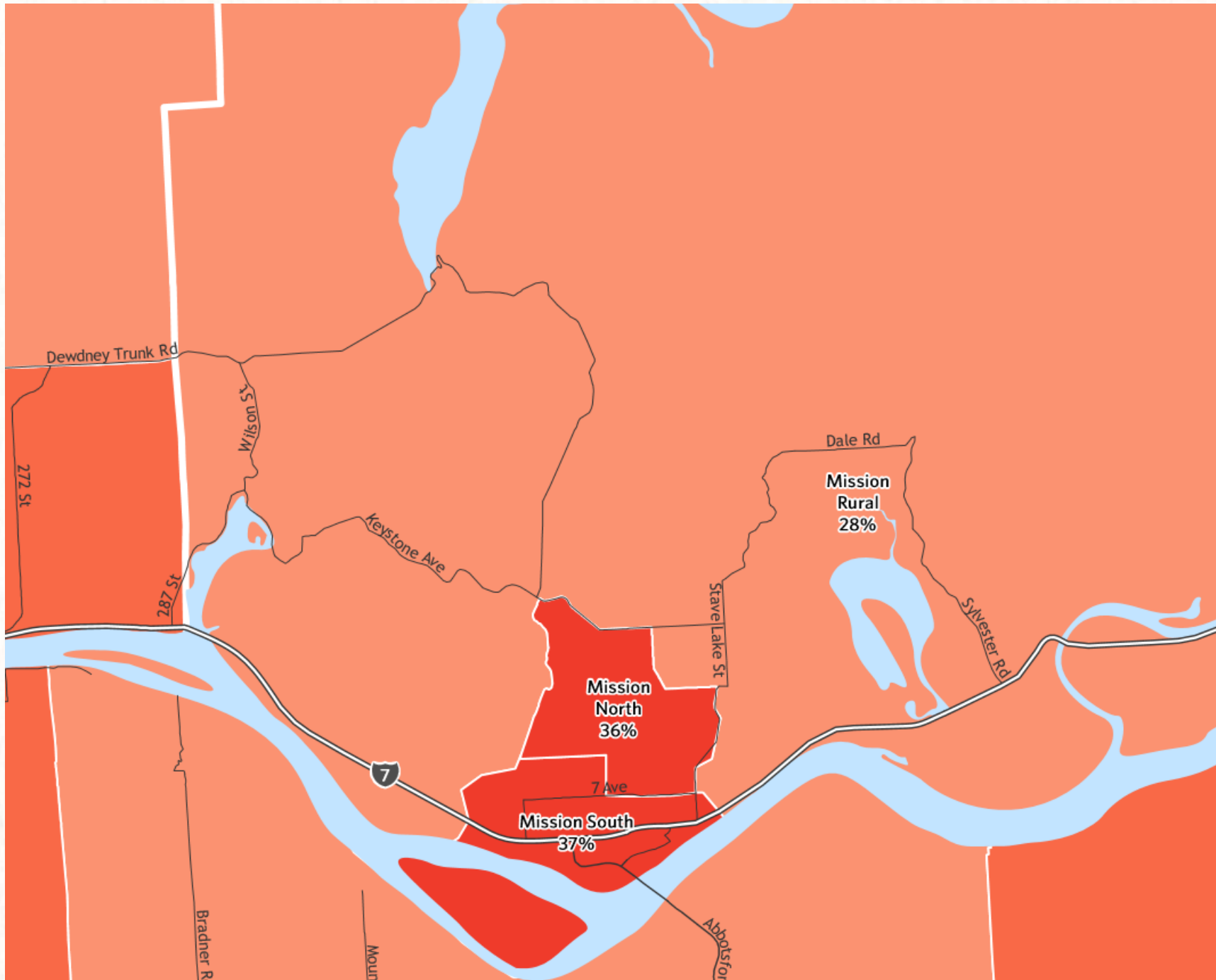


Multiple Vulnerabilities

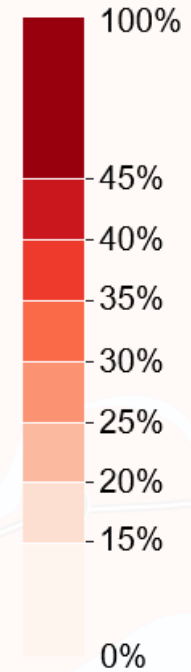
FIGURE 16. NUMBER OF VULNERABILITIES ON THE EDI IN MISSION, BY WAVE, AS A PERCENTAGE OF THE TOTAL NUMBER OF CHILDREN



VULNERABLE ON ONE OR MORE SCALES



% VULNERABLE




SCHOOL DISTRICT
AVERAGE

34%

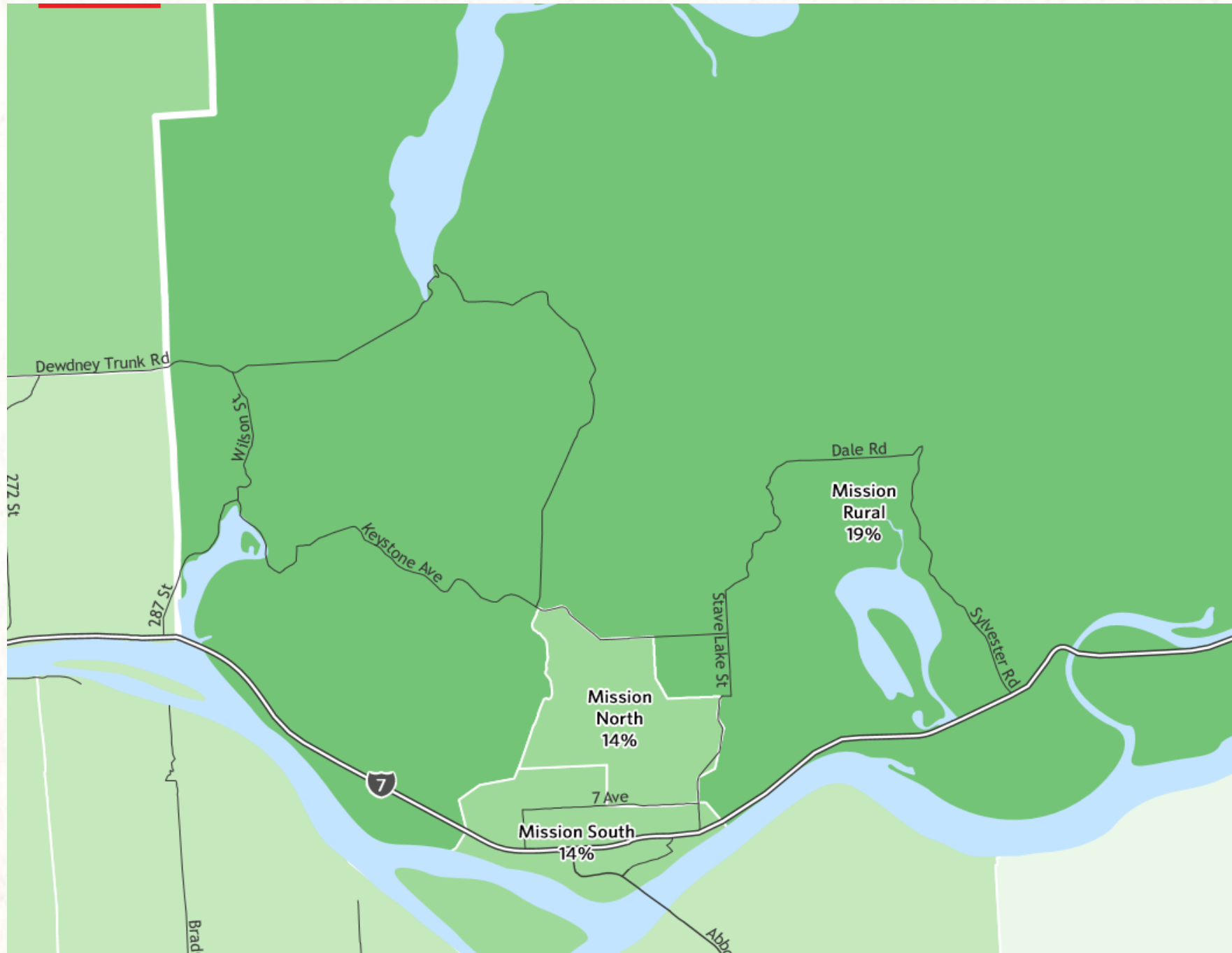
PROVINCIAL AVERAGE

33.4%

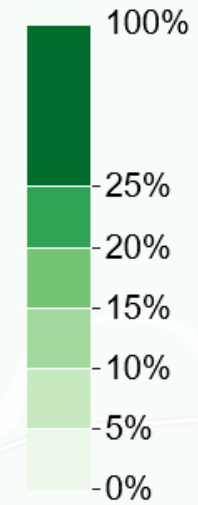
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For more information please visit:
earlylearning.ubc.ca/maps/edi

VULNERABILITY ON THE PHYSICAL HEALTH & WELL-BEING SCALE



% VULNERABLE



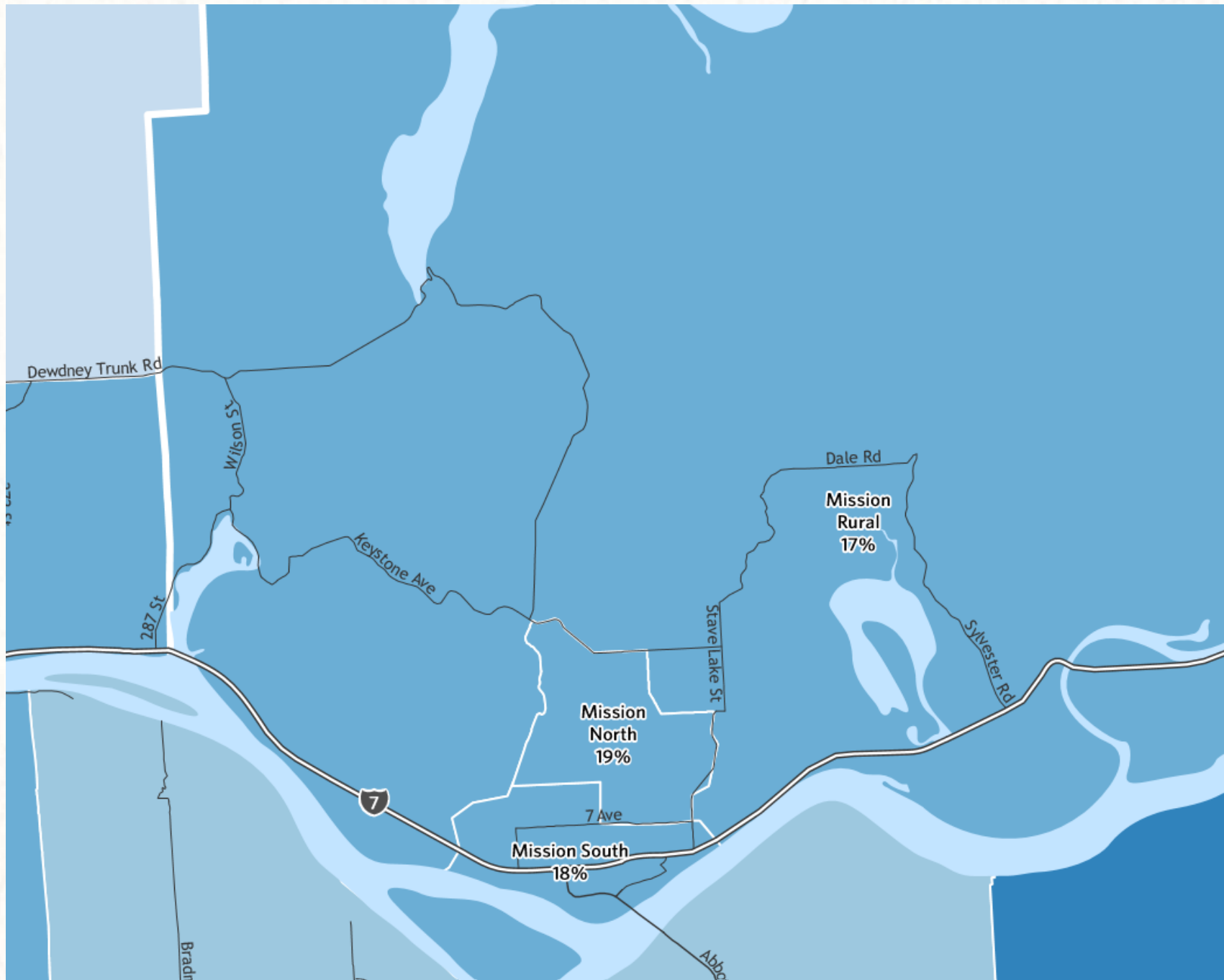
SCHOOL DISTRICT AVERAGE
15%

PROVINCIAL AVERAGE
15.4%

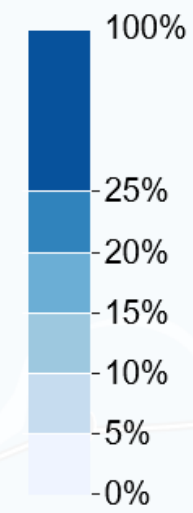
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For more information please visit:
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VULNERABILITY ON THE SOCIAL COMPETENCE SCALE



% VULNERABLE



SCHOOL DISTRICT AVERAGE

19%

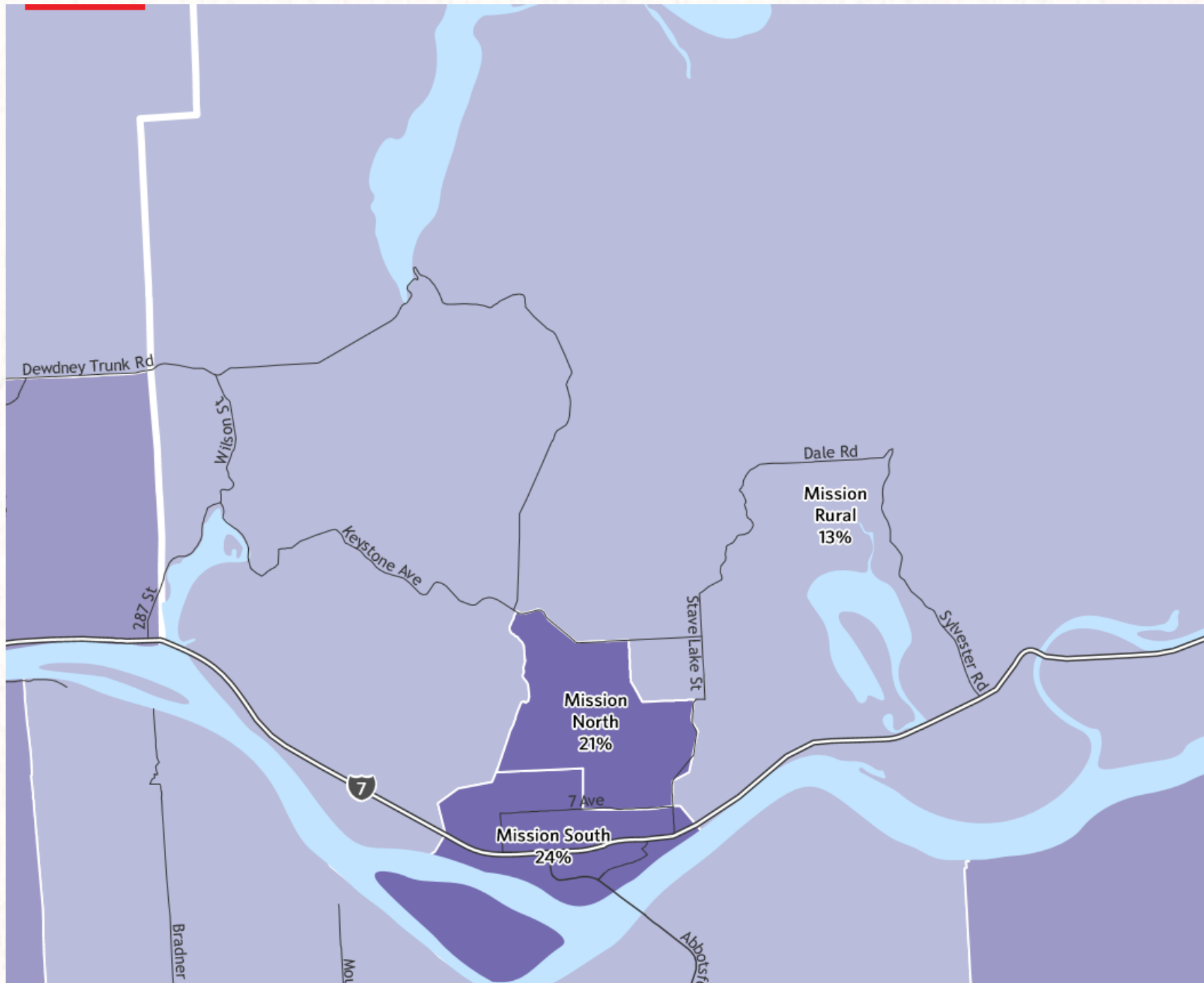
PROVINCIAL AVERAGE

16.1%

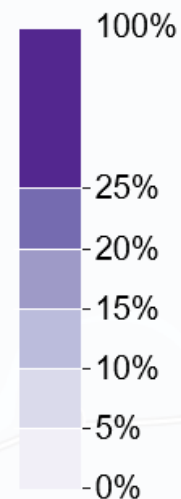
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For more information please visit:
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VULNERABILITY ON THE EMOTIONAL MATURITY SCALE



% VULNERABLE



SCHOOL DISTRICT AVERAGE

20%

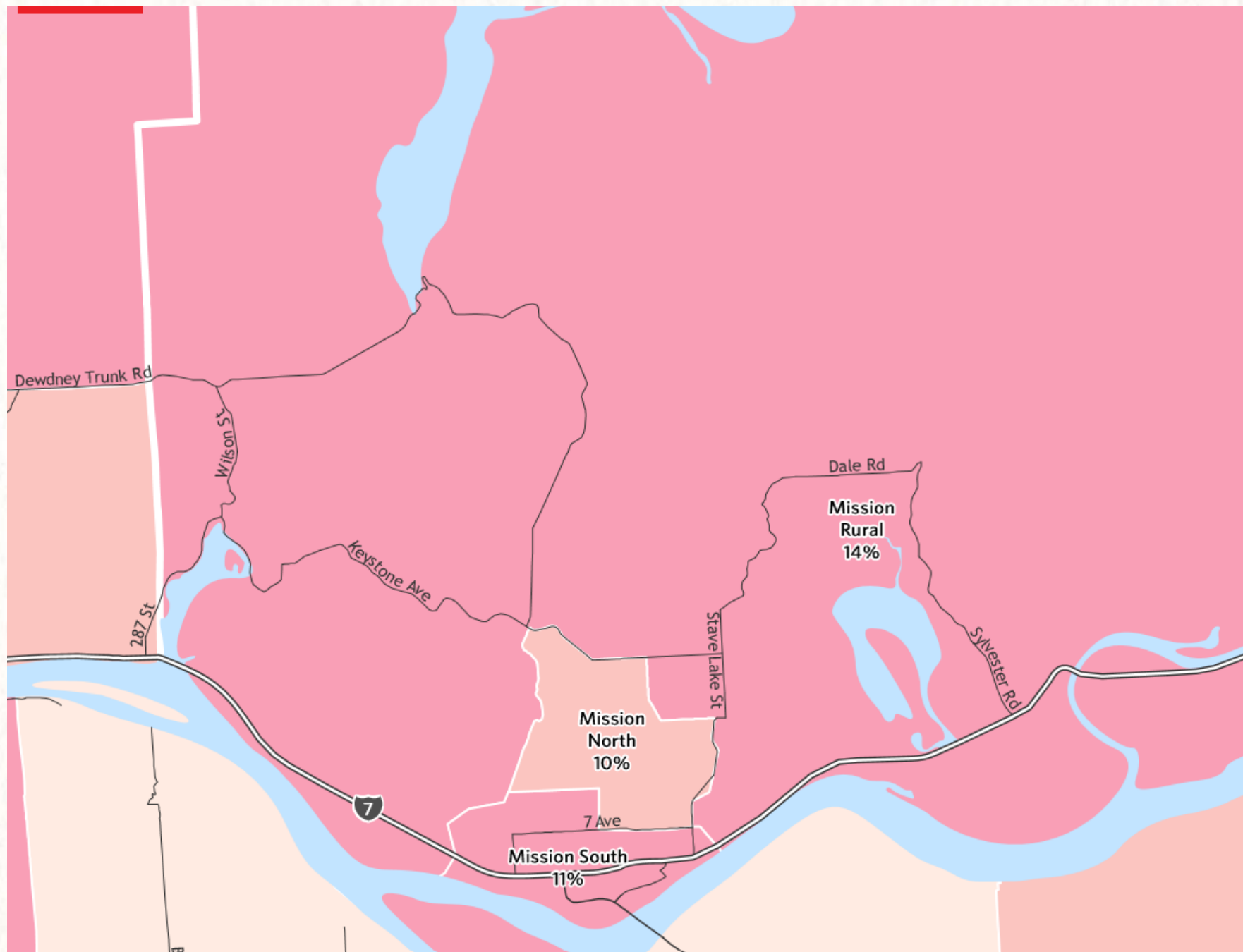
PROVINCIAL AVERAGE

17.7%

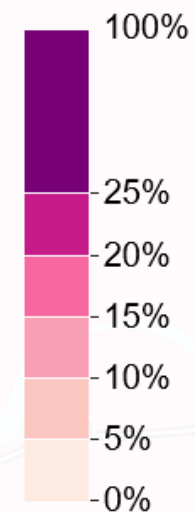
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For more information please visit:
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VULNERABILITY ON THE LANGUAGE & COGNITIVE DEVELOPMENT SCALE



% VULNERABLE



SCHOOL DISTRICT AVERAGE

11%

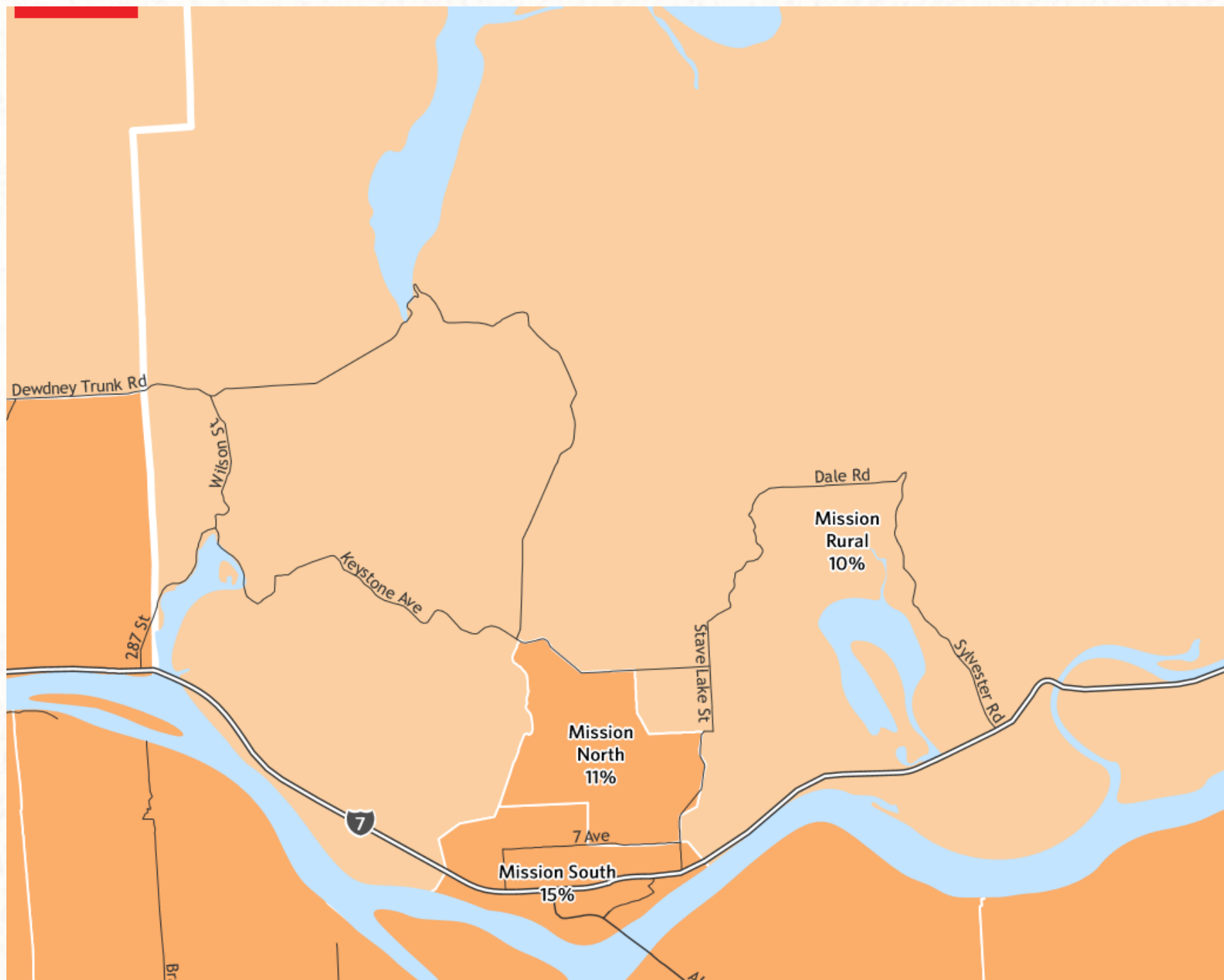
PROVINCIAL AVERAGE

10.6%

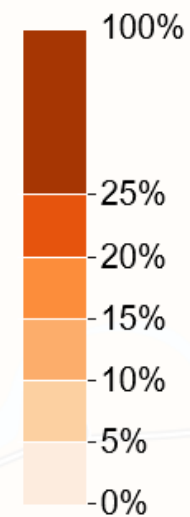
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For more information please visit:
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VULNERABILITY ON THE COMMUNICATION SKILLS & GENERAL KNOWLEDGE SCALE



% VULNERABLE



SCHOOL DISTRICT
AVERAGE

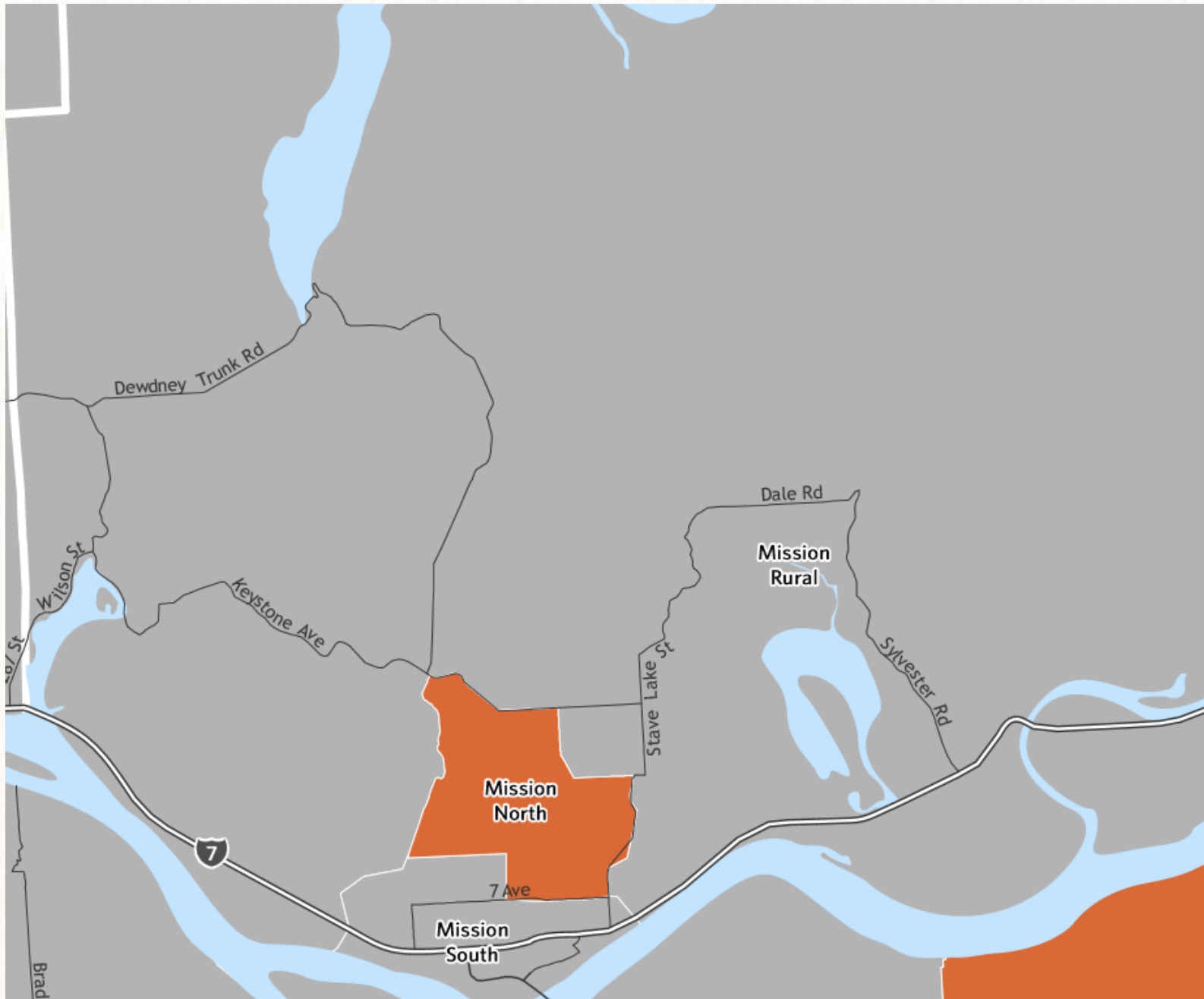
12%

PROVINCIAL AVERAGE





14.3%

 No Data/
Suppressed

For more information please visit:
earlylearning.ubc.ca/maps/edi



WAVE 6 - WAVE 7
 MEANINGFUL CHANGE ON
 VULNERABLE ON ONE OR MORE
 SCALES

CHANGE IN EDI VULNERABILITY RATES	NUMBER OF NEIGHBOURHOODS
 Meaningful Increase in Vulnerability	1
 Stable	2
 Meaningful Decrease in Vulnerability	0
 No Data/ Suppressed	0

For more information please visit:

Mission North

WAVE 7 VULNERABILITY ON ONE OR MORE SCALES

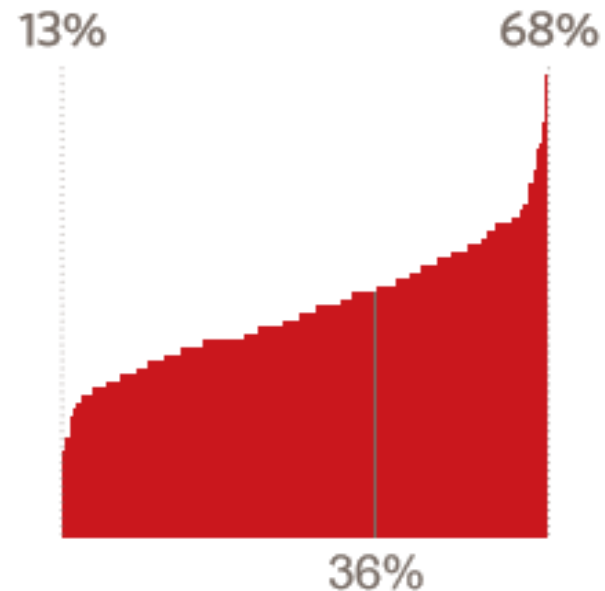
PERCENT OF CHILDREN VULNERABLE

36% NH 34% SD

NUMBER OF CHILDREN VULNERABLE

79 NH 162 SD

YOUR NEIGHBOURHOOD WITHIN
A PROVINCIAL CONTEXT



Note: Each bar represents a single neighbourhood (NH) in the province.

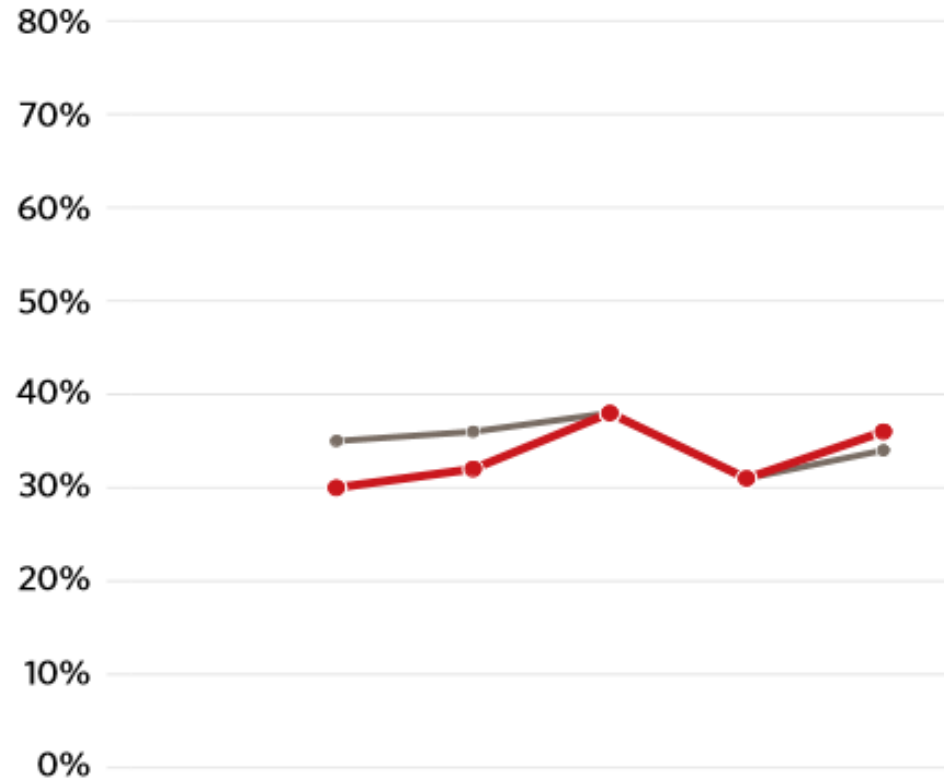
Mission North

Wave 6-7 Short-Term
Trend Increase

Emotional Maturity
21% compared to 20%

WAVE 2-7 VULNERABILITY TRENDS ON ONE OR MORE SCALES

TRENDS IN PERCENT OF CHILDREN VULNERABLE



WAVE	2	3	4	5	6	7
NH (%)	NA	30	32	38	31	36
SD (%)	NA	35	36	38	31	34

Mission Rural

WAVE 7 VULNERABILITY ON ONE OR MORE SCALES

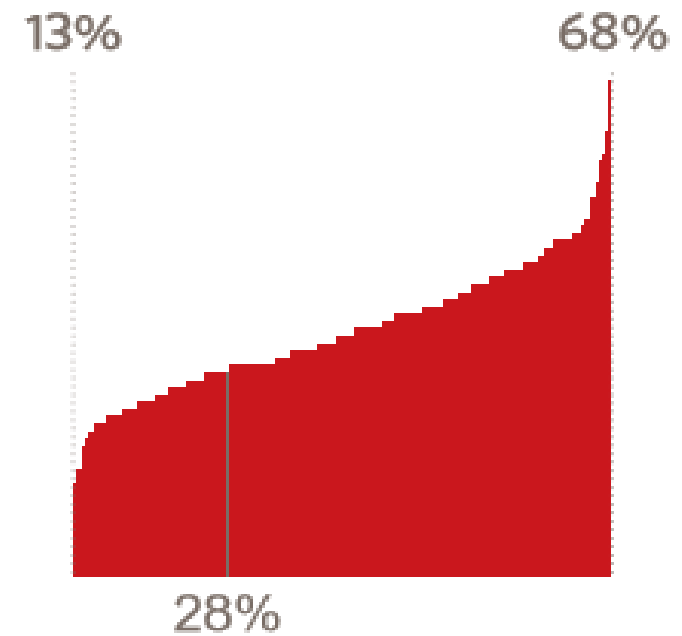
PERCENT OF CHILDREN VULNERABLE

28% NH 34% SD

NUMBER OF CHILDREN VULNERABLE

 **35** NH  **162** SD

YOUR NEIGHBOURHOOD WITHIN
A PROVINCIAL CONTEXT



Note: Each bar represents a single neighbourhood (NH) in the province.

Mission Rural

Physical Health & Well-Being

19% compared to 15%

Emotional Maturity

13% compared to 20%

Language & Cognitive Development

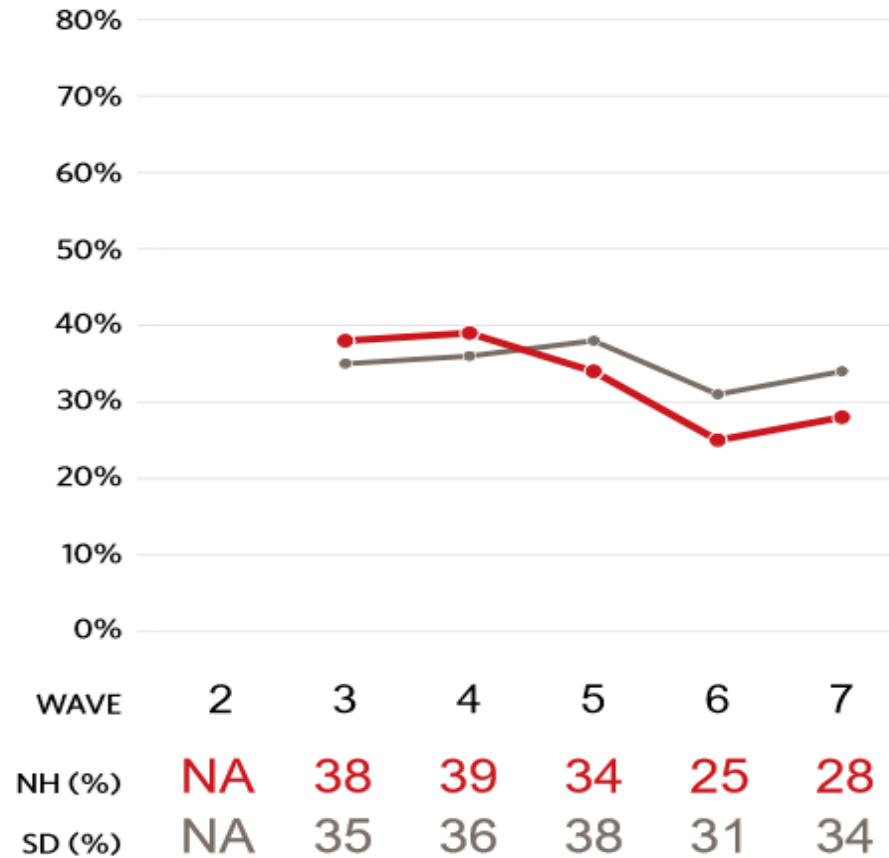
14% compared to 11%

Communication Skills & General Knowledge

10% compared to 12%

WAVE 2-7 VULNERABILITY TRENDS ON ONE OR MORE SCALES

TRENDS IN PERCENT OF CHILDREN VULNERABLE



MEANINGFUL CHANGE OVER TIME IN VULNERABILITY

Wave 2 - 7 Long-Term (LT) Trend NA

Wave 6 - 7 Short-Term (ST) Trend ●

Mission South

WAVE 7 VULNERABILITY ON ONE OR MORE SCALES

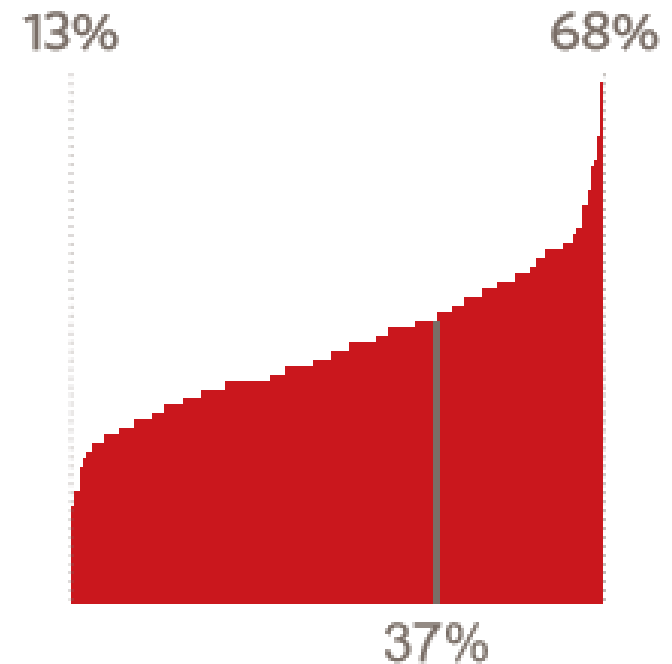
PERCENT OF CHILDREN VULNERABLE

37% NH
34% SD

NUMBER OF CHILDREN VULNERABLE

48 NH
162 SD

YOUR NEIGHBOURHOOD WITHIN
A PROVINCIAL CONTEXT



Note: Each bar represents a single neighbourhood (NH) in the province.

Mission South

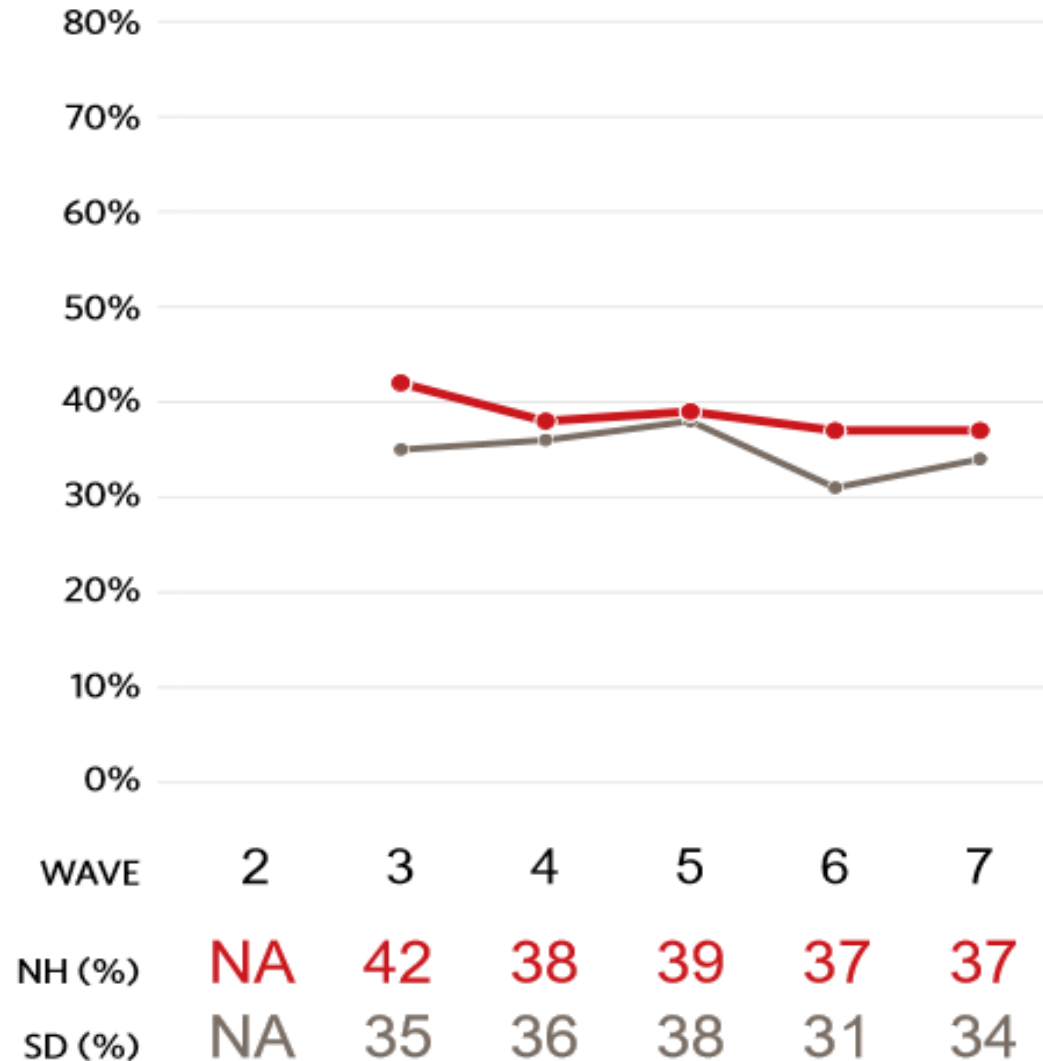
Physical Health & Well-Being
14% compared to 15%

Emotional Maturity
24% compared to 20%

Communication Skills &
General Knowledge
15% compared to 12%

WAVE 2-7 VULNERABILITY TRENDS ON ONE OR MORE SCALES

TRENDS IN PERCENT OF CHILDREN VULNERABLE



Structures and Systems in Place

- StrongStart
- Family Place
- Additional Ready, Set, Learn opportunities
- EMPOWER series
- MCFD Early Years Navigators
- Transitions support



Questions