

Brass Bell Ontario Early Years Centre

Thunder Bay Superior North

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RR#1

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Ontario Early Years Centres
A Place For Parents And Their Children.



Centres de la petite enfance
Un endroit pour les parents et leurs enfants.

Children Ready for School

Schools/Communities Ready for Children

- Children are born ready to learn.
- Children who do better in elementary school are likely to do better later in school as well.
- Multiple factors in the social environment determine the school readiness level for a child population.
- How can a community work together to provide an optimum environment for families and children?

Steps to provide better planning for the early childhood development in the communities

1. Keeping score: implementation of tools to assess and observe how our children are doing in our communities on an ongoing basis
2. How does the current picture relate to other factors and influences?
3. Building coalitions and partnerships to provide an action plan for closing the gaps

1. Keeping score:

The Early Development Instrument



EARLY DEVELOPMENT INSTRUMENT

a population-based measure for communities

Early Development Instrument EDI 2005/06



- 31 schools (public, separate, aboriginal, French)
- 212 SK students
- Offord Centre for Child Studies enters data

What is the EDI?

- Research tool assessing school readiness “School readiness”: a child’s ability to meet the task demands of school i.e. to be cooperative, to sit quietly and to listen to the teacher, to benefit from the educational activities provided by the school
- administered by the SK teacher

What is the Early Development Instrument? Contd.

- Reports on populations of children in a community
- Does NOT report on school performance or the teacher or an individual child
- Ongoing EDI participation will monitor changes in the child population
- Community report card: EDI with socio-demographic data describes the support level for families and children
- Culture appropriate tool

The 5 domains of school readiness

- Physical health and well being
- Social competence
- Emotional maturity
- Language and cognitive development
- Communication skills and general knowledge

Each domain includes subscales profiling the level of school readiness.

Domain descriptions

- **Physical Health and Well-being:**

Physical readiness for school day – physical independence – gross and fine motor skills

- **Social Competence:**

Overall social competence – responsibility and respect – approaches to learning – readiness to explore new things

- **Emotional Maturity:**

Pro-social and helping behaviour – anxious and fearful behaviour – aggressive behaviour – hyperactivity and inattention

Domain descriptions continued

- **Language and Cognitive Development**

Basic literacy – interest in literacy/numeracy and memory – advanced literacy – basic numeracy

- **Communication Skills and General Knowledge**

Clear communication of his or her own needs – understanding others - aspects of general knowledge

Community Level Analysis

- SK scores by community: compiled scores of all elementary schools in one community
- SK scores by aggregate: compiled scores of several communities
- SK scores in relation to Superior North Mean/Superior North totals
- In context with other socio-demographic data



Comments on EDI results for Superior North Communities

- Result for Special Needs students are compiled separately. Due to a small sample size a report is not available.
- The mean and totals for Superior North include Armstrong, Dorion, Red Rock, Nipigon, Schreiber, Terrace Bay, Pic River, Manitouwadge, Marathon, Macdiarmid, Beardmore, Nakina, Aroland, Geraldton and Longlac.
- Social Development Canada -“Understanding the Early Years” (UEY): proposal for Kenora to Sudbury was accepted for participation in nationwide EDI. Data will be included in this project.
- The results here are part of the **provincial initiative**.

Slide 1: Score Ranges or Percentiles

200 children in Superior North:
Scores are arranged from highest to lowest

Distribution of scores:

highest scores



lowest scores

Upper 25% of scores
100 percentile to 75 percentile



Lower 25% of scores
25 percentile to 0 percentile

Sample Community

60 children (80%)
scored in the 75ptile
or higher

15 children (13.3%)
scored in the
25ptile or lower

"Children scoring in the lowest percentile have the highest need for improvement"

EDI 2001/02 and EDI 2005/06
English as Second Language and Aboriginal Status

	N tested		ESL (N)		ESL %		Aboriginal (N)		Aboriginal %	
Armstrong	15	7	0	1	0.0%	14.3%	11	4	73.3%	57.1%
Dorion/Nipigon/Red Rock	45	44	0	0	0.0%	0.0%	8	10	17.8%	22.7%
Greenstone (& reserves)	86	76	12	2	14.0%	3.4%	24	30	28.0%	39.5%
Marathon/Manitouwadge (& reserves)	78	60	4	5	5.1%	8.9%	4	3	5.1%	5.4%
Schreiber/Terrace Bay	48	25	2	0	4.2%	0.0%	2	4	4.2%	14.3%
Superior North Mean	64	42	3.6	2	6.6%	3.8%	10	10	15.6%	23.8%
Superior North Totals	272	212	18	8	6.6%	3.8%	49	51	18.0%	24.1%

*Greenstone: Beardmore, Macdiarmid, Geraldton, Longlac, Nakina, Aroland

EDI 2005/06

ESL, Average Age, Aboriginal Status

	N tested	av age	n girls	% girls	n ESL	% ESL	n Ab	% Ab
Armstrong	7	6.07	2	28.6	1	14.3	4	57.1%
DNRR	44	5.71	23	52.3%	0	0.0%	10	22.7%
Greenstone	76	5.31	39	51.3%	2	3.4%	30	39.5%
MMP	60	5.60	34	56.7%	5	8.3%	7	11.7%
ST	29	5.50	17	58.6%	0	0.0%	4	14.3%
Superior North	212		113	53.3%	8	3.8%	51	24.1%
SN Mean	42	5.59	22.6	53.8	1.6	3.8%	10	23.8%

The 25thptile and under: “Not ready for school”

- Supporting the “not ready for school group” will provide benefits to the groups above as well.
- Presented in the tables are the lowest 25% of scores in a community. Remember that the rest of the population scored somewhere above.
- Small sample sizes deliver sensitive numbers. One child could change the average drastically.

SN 2001/02 and 2005/06
Physical Health and Well Being

25ptile and under “not ready for school”	N tested		% not ready		N not ready	
Armstrong	15	7	20.0%	0%	3	0
Dorion/Nipigon/Red Rock	45	44	15.6%	27.3%	7	12
Greenstone (& reserves)	86	76	30.2%	28.9%	26	22
Manitouwadge/Marathon (& reserves)	78	59	24.4%	15.3%	19	9
Schreiber/Terrace Bay	48	25	35.4%	20.0%	17	5
Superior North Mean	64	42	25.9%	23.8%	14	10
Superior North Total*	272	211	26.5%	22.7%	72	48

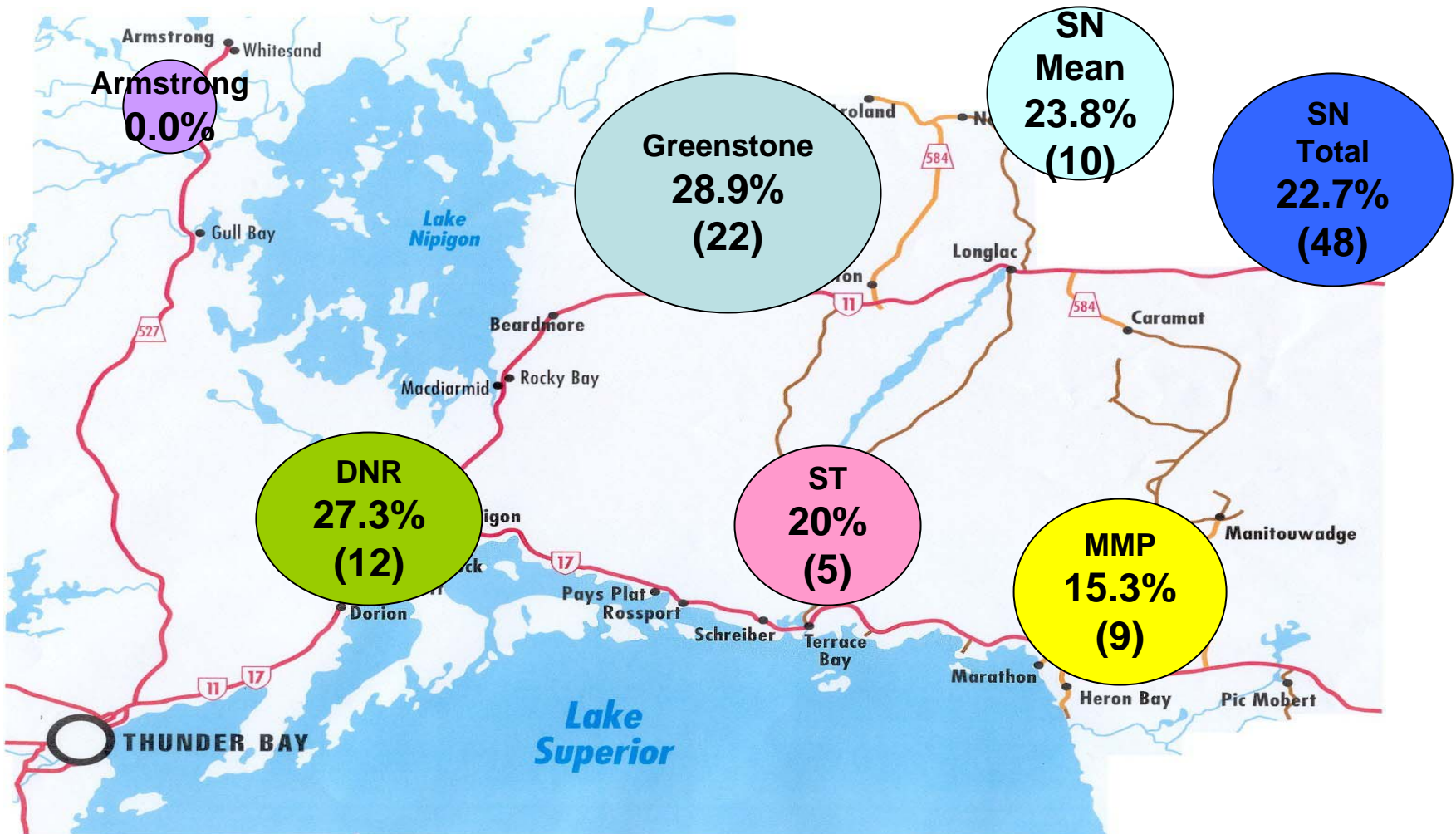
SN 2005/06 Physical Health and Well Being

25ptile and under “not ready for school”	%	Number
Armstrong	0%	0
Dorion/Nipigon/Red Rock	27.3%	12
Greenstone & reserves	28.9%	22
Manitouwadge/Marathon & reserves	15.3%	9
Schreiber/Terrace Bay	20.0%	5
Superior North Mean	23.8%	10
Superior North Total*	22.7%	48

SN EDI 2005/06

Physical Health and Well Being

% 25ptile and under "not ready"



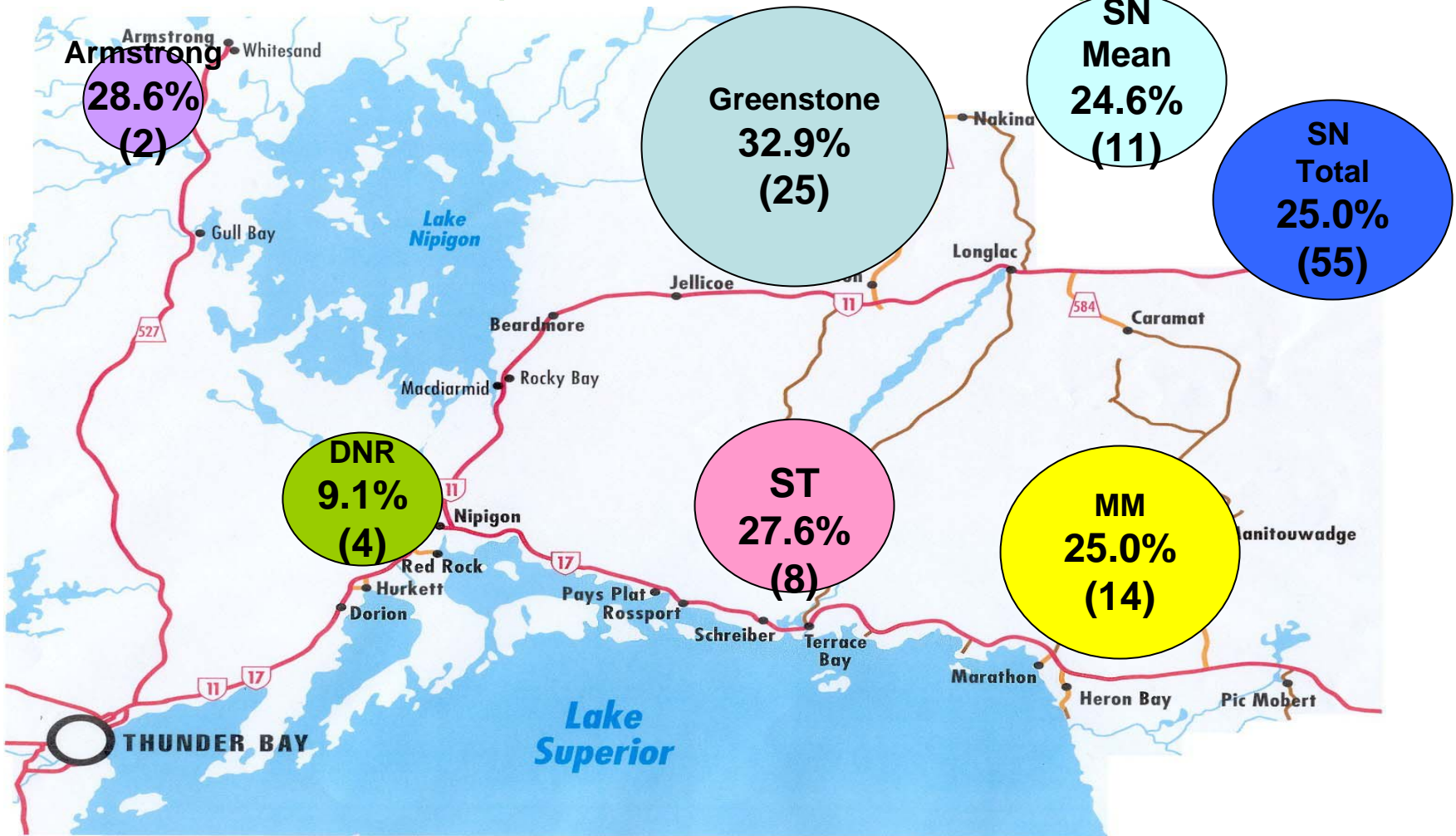
SN 2001/02 and 2005/06 Social Competence

25ptile and under "not ready for school"	N tested		%		Number	
Armstrong	15	7	20.0%	28.6%	3	2
Dorion/Nipigon/Red Rock	45	44	22.2%	9.1%	10	4
Greenstone (& reserves)	86	76	34.2%	32.9%	32	25
Manitouwadge/Marathon (& reserves)	78	56	26.9%	23.3%	21	14
Schreiber/Terrace Bay	48	29	20.8%	32.0%	10	8
Superior North Mean	64	42	26.0%	26.2%	18	11
Superior North Total	272	212	28.0%	25.9%	73	55

SN 2005/06 Social Competence

25ptile and under “not ready for school”	%	Number
Armstrong	28.6%	2
Dorion/Nipigon/Red Rock	9.1%	4
Greenstone & reserves	32.9%	25
Manitouwadge/Marathon & reserves	23.3%	14
Schreiber/Terrace Bay	32.0%	8
Superior North Mean	26.2%	11
Superior North Total	25.9%	55

SN EDI 2005/06 Social Competence % 25ptile and under "not ready"



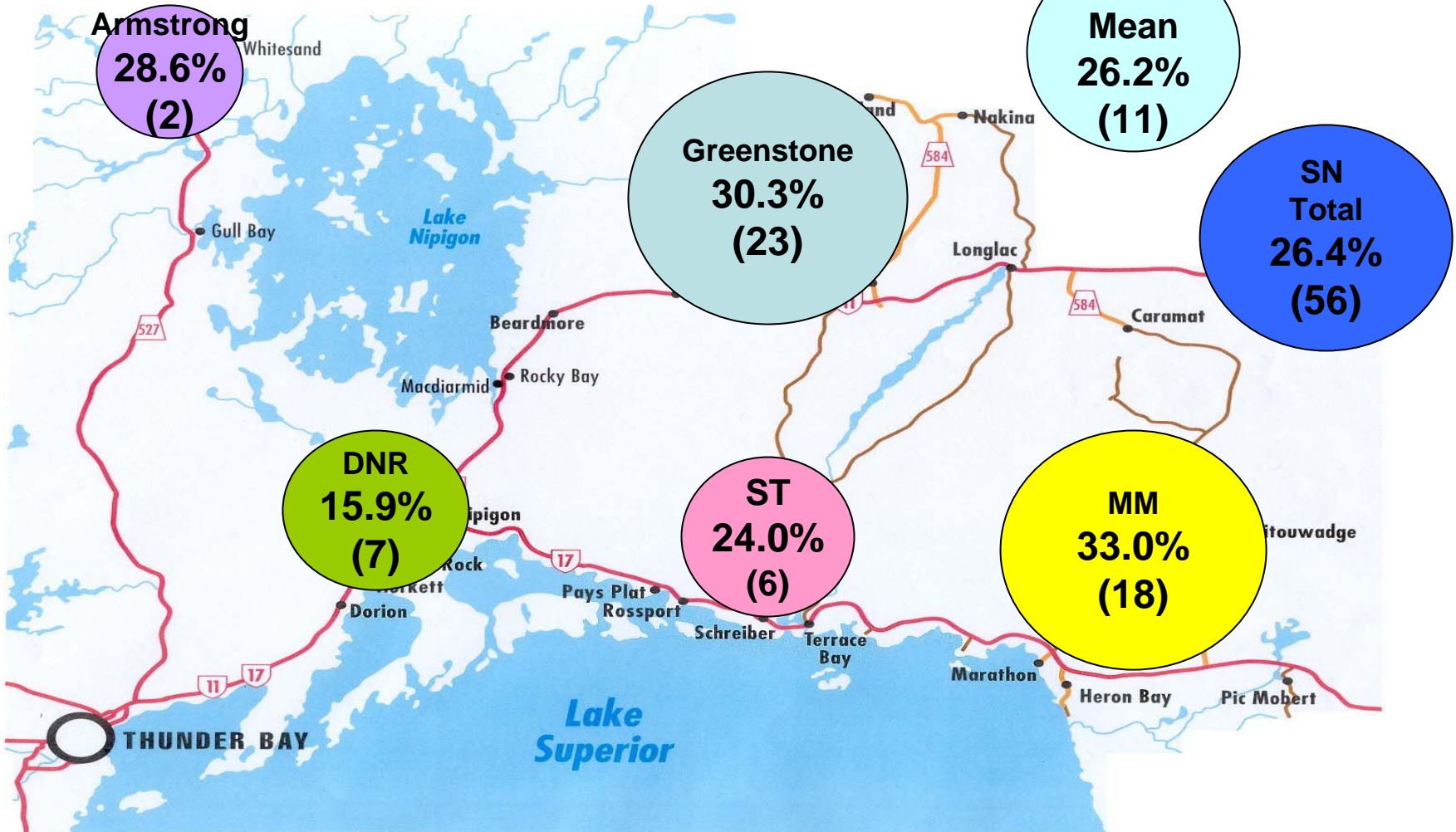
SN 2001/02 and 2005/06 Emotional Maturity

25ptile and under “not ready for school”	N tested		%		Number	
Armstrong	15	7	26.7%	28.6%	4	2
Dorion/Nipigon/Red Rock	45	44	24.4%	15.9%	11	7
Greenstone (& reserves)	86	76	32.6%	30.3%	28	23
Manitouwadge/Marathon (& reserves)	78	56	23.1%	30.0%	18	18
Schreiber/Terrace Bay	48	29	29.2%	24.0%	14	6
Superior North Mean	64	42	26.3%	26.2%	15	11
Superior North Total	272	212	27.6%	26.4%	75	56

SN 2005/06 Emotional Maturity

25ptile and under “not ready for school”	%	Number
Armstrong	28.6%	2
Dorion/Nipigon/Red Rock	15.9%	7
Greenstone & reserves	30.3%	23
Manitouwadge/Marathon & reserves	30.0%	18
Schreiber/Terrace Bay	24.0%	6
Superior North Mean	26.2%	11
Superior North Total	26.4%	56

SN EDI 2005/06 Emotional Maturity % 25ptile and under "not ready"



SN 2001/02 and 2005/06 Language and Cognitive Skills

25ptile and under “not ready for school”	N tested		%		Number	
Armstrong	15	7	20.0%	14.3%	3	1
Dorion/Nipigon/Red Rock	45	44	22.2%	9.1%	10	4
Greenstone (& reserves)	86	76	34.2%	29.0%	32	22
Manitouwadge/Marathon (& reserves)	78	56	26.9%	23.3%	21	14
Schreiber/Terrace Bay	48	29	20.8%	16.0%	10	4
Superior North Mean	64	42	26.0%	21.4%	18	9
Superior North Total	272	212	28.0%	21.2%	73	45

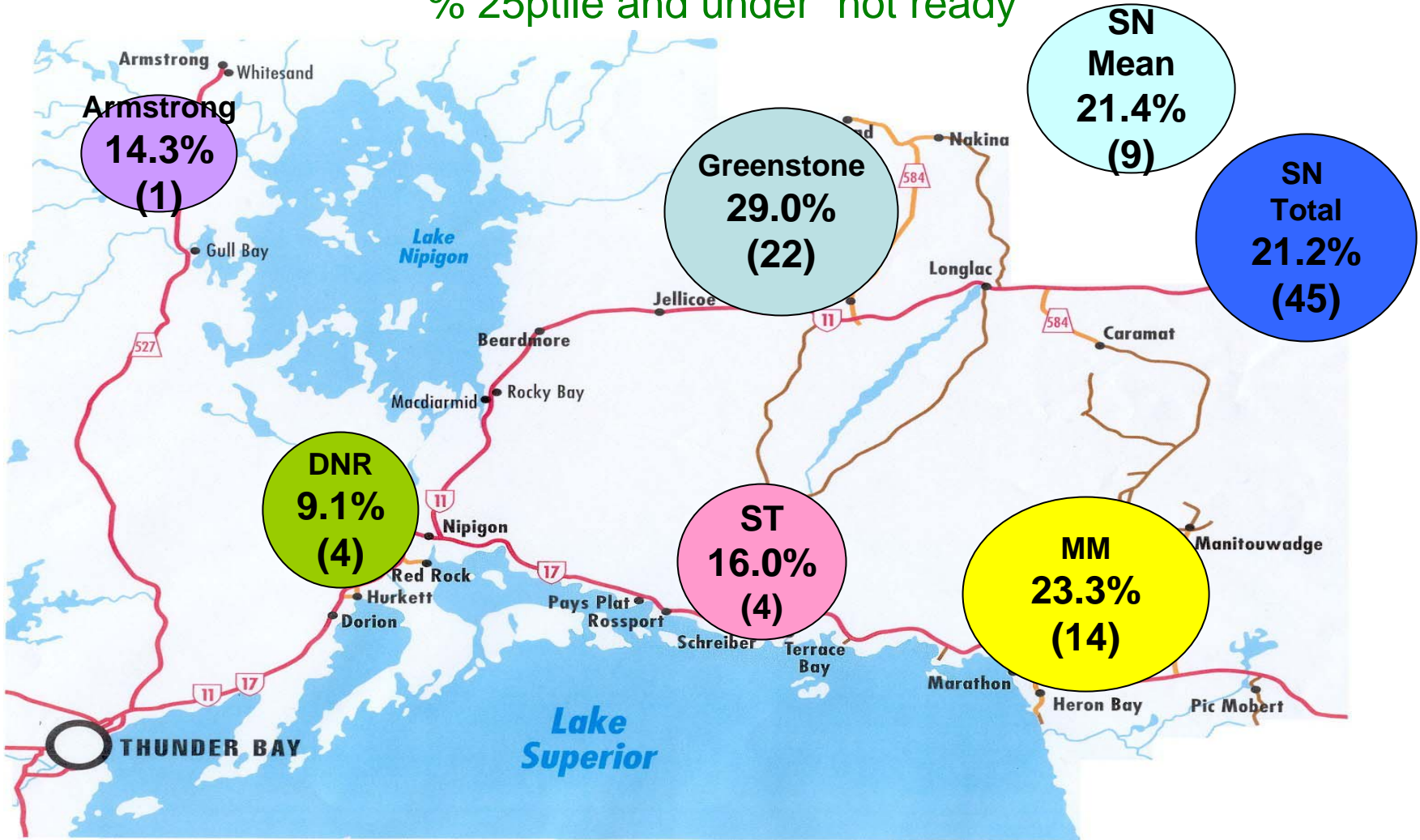
SN 2005/06 Language and Cognitive Skills

25ptile and under “not ready for school”	%	Number
Armstrong	14.3%	1
Dorion/Nipigon/Red Rock	9.1%	4
Greenstone & reserves	29.0%	22
Manitouwadge/Marathon & reserves	23.3%	14
Schreiber/Terrace Bay	16.0%	4
Superior North Mean	21.4%	9
Superior North Total	21.2%	45

SN EDI 2005/06

Language and Cognitive Skills

% 25ptile and under "not ready"



SN 2001/02 and 2005/06 Communication Skills and General Knowledge

25ptile and under “not ready for school”	N tested		%		Number	
Armstrong	15	7	26.7%	14.3%	4	1
Dorion/Nipigon/Red Rock	45	44	17.8%	20.5%	8	9
Greenstone (& reserves)	86	76	34.9%	39.5%	30	30
Manitouwadge/Marathon (& reserves)	78	56	34.6%	25.0%	27	15
Schreiber/Terrace Bay	48	29	25.0%	28.0%	12	7
Superior North Mean	64	42	29.6%	31.0%	16	13
Superior North Total	272	212	29.8%	29.7%	81	63

SN 2005/06 Communication Skills and General Knowledge

25ptile and under “not ready for school”	%	Number
Armstrong	14.3%	1
Dorion/Nipigon/Red Rock	20.5%	9
Greenstone & reserves	39.5%	30
Manitouwadge/Marathon & reserves	25.0%	15
Schreiber/Terrace Bay	28.0%	7
Superior North Mean	31.0%	13
Superior North Total*	29.7%	63

SN EDI 2005/06

Communication Skills and General Knowledge

% 25ptile and under "not ready"

