

As part of the process of improving the EDI methodology, and for conformity across provinces, we have recently added a requirement for children to have been in class for more than one month for them to be included in any analyses (status=1). This makes the Normative II results comparable with local results in terms of selection criteria.

While the instructions in the EDI Guide do indicate that the teacher should not complete the EDI if the child hasn't been in class for more than one month, some teachers have completed the EDI. These EDIs were originally included in the reported results from the Normative II.

The updated number of children considered eligible in the Normative II dataset decreased from 176,621 to 174,799. With this slight reduction in population, the distribution of children has also changed slightly (see highlights below).

Updated Normative II Statistics

		Physical Health and Well-Being	Social Competence	Emotional Maturity	Language and Cognitive Development	Communication Skills and General Knowledge
N	Valid	174379	174750	173383	174050	174696
	Missing	420	49	1416	749	103
Mean		8.7983	8.3220	8.0410	8.4500	7.6535
Std. Deviation		1.29672	1.78537	1.49319	1.77544	2.55406
Minimum		.38	.00	.33	.00	.00
Maximum		10.00	10.00	10.00	10.00	10.00
Percentiles	10	7.0833	5.5769	6.0000	5.7692	4.3750
	25	8.0769	7.3077	7.1667	7.6923	5.6250
	50	9.2308	9.0000	8.3333	9.2000	8.7500
	75	10.0000	9.8077	9.1667	9.6154	10.0000

For example, the mean domain score for language and cognitive development has changed at the second decimal place from 8.44 to 8.45. The 10th percentile for the communication skills and general knowledge domain changed from 4.2857 to 4.3750 and the 50th percentile for the social competence domain changed from 8.9130 to 9.0000.

The updated percentages from the Normative II dataset of children that are vulnerable on one or more and two or more domains, along with Multiple Challenge Index (MCI) results, are different from what have been originally used for comparison in the reports.

The rate of children vulnerable on one or more domains is 25.4% (previously 27.2%) and the rate of those vulnerable on two or more domains is 12.4% (previously 13.6%). The percentage of children considered multiply challenged is 3.8% (previously 3.9%).

The complete report on the Normative II dataset is being updated and will be posted on our website when available.

The EDI and its methodology have evolved over the years in the interest of improvement of comparability and reliability of the data, as the scope of implementations increases. Please see the summary below. The EDI Team is committed to ensure high quality of the methodology, and continues to strongly appreciate the interest and feedback from all users of the EDI.

Implementation Year	Form	Status=1	Subdomain Cutoffs	Subdomain Min. Responses
2003/2004	Old	No	Norm. I	No
2004/2005	New	No	Norm. I	No
2005/2006	New	No	Norm. I	No
2006/2007	New	No	Norm. I	No
2007/2008	New	No	Norm. II	No
2008/2009	New	Yes	Norm. II	No
2009/2010	New	Yes	Norm. II	Yes
2010/2011	New	Yes	Norm. II	Yes
2011/2012	New	Yes	Norm. II	Yes
Changed:	as of 04/05	as of 08/09	as of 07/08	as of 09/10
Notes:	*refers to the number of questions responses	*refers to the use of status as part of the criteria to be included in analyses	*refers to which normative dataset was used to determine the subdomain cutoffs	*refers to the use of a minimum number of questions responses required for the calculation of subdomain results