Appendix I

Summary Tables for Statistical Test Results

TABLE 1

DEMOGRAPHIC CHANGES ACROSS EDI CYCLES IN OTTAWA

	Significant Difference?	Statistical Test Results		
Gender	No	χ^2 (3) = 0.12	p = 0.989	Cramer's V = 0.002
Age at Completion	Yes	F (3, 3703) = 5.03	p = 0.002	Eta Squared = 0.0005
Francophone	Yes	χ^2 (3) = 62.61	p < 0.0001	Cramer's V = 0.0044
First Language – Other Only	Yes	χ^2 (3) = 35.95	p < 0.0001	Cramer's V = 0.033

TABLE 2

SIGNIFICANT DIFFERENCES BETWEEN CYCLES IN EDI DOMAIN VULNERABILITY FOR OTTAWA

	Significant Difference?	Statistical Test Results		
Low on 1+ Domains	No	χ^2 (3) = 2.6	p = 0.461	Cramer's V = 0.009
Physical Health and Well-Being	Yes	χ^2 (3) = 30.6	p < 0.0001	Cramer's V = 0.030
Emotional Maturity	Yes	χ^2 (3) = 22.9	p < 0.0001	Cramer's V = 0.027
Social Competence	Yes	χ^2 (3) = 29.5	p < 0.0001	Cramer's V = 0.030
Language and Cognitive Development	Yes	χ^2 (3) = 35.1	p < 0.0001	Cramer's V = 0.033
Communication and General Knowledge	Yes	χ^2 (3) = 25.6	p < 0.0001	Cramer's V = 0.028

TABLE 3

SIGNIFICANT DIFFERENCES IN SUB-DOMAIN RESULTS (% CHILDREN NOT ON TRACK) BETWEEN EDI CYCLES FOR OTTAWA

	Significant Difference?	Statistical Test Results		
Physical Readiness for School Day	Yes	χ^2 (3) = 29.6	p < 0.0001	Cramer's V = 0.03
Physical Independence	Yes	χ^2 (3) = 7.9	p = 0.046	Cramer's V = 0.016
Gross and Fine Motor Skills	Yes	χ^2 (3) = 49.7	p < 0.0001	Cramer's V = 0.039
Prosocial and Helping Behaviour	Yes	χ^2 (3) = 77.5	p < 0.0001	Cramer's V = 0.049
Anxious and Fearful Behaviour	Yes	χ^2 (3) = 8.74	p = 0.013	Cramer's V = 0.019
Aggressive Behaviour	Yes	χ^2 (3) = 70.8	p < 0.0001	Cramer's V = 0.046
Hyperactive and Inattentive Behaviour	No	χ^2 (3) = 5.6	p = 0.133	Cramer's V = 0.013
Overall Social Competence	Yes	χ^2 (3) = 9.4	p = 0.024	Cramer's V = 0.017
Responsibility and Respect	Yes	χ^2 (3) = 26.8	p < 0.0001	Cramer's V = 0.029
Approaches to Learning	No	χ^2 (3) = 5.2	p = 0.158	Cramer's V = 0.013
Readiness to Explore New Things	No	χ^2 (3) = 5.9	p = 0.115	Cramer's V = 0.013
Basic Literacy	Yes	χ^2(3) = 80.0	p < 0.0001	Cramer's V = 0.049
Interest in Literacy/Numeracy and Memory	Yes	χ^2 (3) = 35.7	p < 0.0001	Cramer's V = 0.033
Advanced Literacy	No	χ^2 (3) = 7.2	p = 0.067	Cramer's V = 0.015
Basic Numeracy	Yes	χ^2 (3) = 29.8	p < 0.0001	Cramer's V = 0.03
Communication Skills and General Knowledge	Yes	χ^2 (3) = 33.6	p < 0.0001	Cramer's V = 0.032

TABLE 4

DEMOGRAPHIC CHANGES FOR FRANCOPHONES ACROSS EDI CYCLES IN OTTAWA

	Significant Difference?	Statistical Test Results		
Gender	No	χ^2 (3) = 0.812	*p* = 0.847	Cramer's V = 0.012
Age at Completion	Yes	F (3, 5563) = 4.42	*P* = 0.004	Eta Squared = 0.002

TABLE 5

SIGNIFICANT DIFFERENCES BETWEEN CYCLES IN EDI DOMAIN VULNERABILITY FOR FRANCOPHONES IN OTTAWA

	Significant Difference?	Statistical Test Results		
Low on 1+ Domains	No	χ^2 (3) = 1.32	*p* = 0.724	Cramer's V = 0.015
Physical Health and Well-Being	No	χ^2 (3) = 4.71	*p* = 0.194	Cramer's V = 0.029
Emotional Maturity	No	χ^2 (3) = 1.17	*p* = 0.761	Cramer's V = 0.015
Social Competence	Yes	χ^2 (3) = 9.48	*p* = 0.024	Cramer's V = 0.041
Language and Cognitive Development	No	χ^2 (3) = 6.82	*p* = 0.078	Cramer's V = 0.035
Communication and General Knowledge	No	χ^2 (3) = 3.36	*P* = 0.339	Cramer's V = 0.025

TABLE 6

SIGNIFICANT DIFFERENCES IN SUB-DOMAIN RESULTS (% CHILDREN NOT ON TRACK) BETWEEN EDI CYCLES FOR FRANCOPHONES IN OTTAWA

	Significant Difference?	Statistical Test Results		
Physical Readiness for School Day	No	χ^2 (3) = 2.38	*p* = 0.497	Cramer's V = 0.021
Physical Independence	Yes	χ^2 (3) = 9.96	*p* = 0.019	Cramer's V = 0.042
Gross and Fine Motor Skills	Yes	χ^2 (3) = 9.10	*p* = 0.028	Cramer's V = 0.040
Prosocial and Helping Behaviour	Yes	χ^2 (3) = 14.79	*p* = 0.002	Cramer's V = 0.052
Anxious and Fearful Behaviour	No	χ^2 (3) = 4.19	*p* = 0.241	Cramer's V = 0.027
Aggressive Behaviour	No	χ^2 (3) = 0.56	*p* = 0.900	Cramer's V = 0.010
Hyperactive and Inattentive Behaviour	Yes	χ^2 (3) = 9.55	*p* = 0.023	Cramer's V = 0.041
Overall Social Competence	Yes	χ^2 (3) = 15.51	*p* = 0.001	Cramer's V = 0.053
Responsibility and Respect	No	χ^2 (3) = 3.94	*p* = 0.268	Cramer's V = 0.027
Approaches to Learning	No	χ^2 (3) = 1.76	*p* = 0.624	Cramer's V = 0.018
Readiness to Explore New Things	No	χ^2 (3) = 1.99	*p* = 0.575	Cramer's V = 0.019
Basic Literacy	Yes	χ^2(3) = 10.60	*p* = 0.014	Cramer's V = 0.044
Interest in Literacy/Numeracy and Memory	No	χ^2 (3) = 6.42	*p* = 0.093	Cramer's V = 0.034
Advanced Literacy	Yes	χ^2 (3) = 22.87	*p* < 0.0001	Cramer's V = 0.064
Basic Numeracy	No	χ^2 (3) = 3.56	*p* = 0.314	Cramer's V = 0.025
Communication Skills and General Knowledge	Yes	χ^2 (3) = 11.90	*p* = 0.008	Cramer's V = 0.046

TABLE 7

DEMOGRAPHIC CHANGES FOR CHILDREN WITHOUT FR OR EN AS A FIRST LANGUAGE (FL-OTHER) ACROSS EDI CYCLES IN OTTAWA

	Significant Difference?	Statistical Test Results		
Gender	No	χ^2 (3) = 1.58	*p* = 0.664	Cramer's V = 0.021
Age at Completion	Yes	F (3, 3578) = 1.15	*P* = 0.015	Eta Squared = 0.003

TABLE 8

SIGNIFICANT DIFFERENCES BETWEEN CYCLES IN EDI DOMAIN VULNERABILITY FOR FL-OTHER CHILDREN IN OTTAWA

	Significant Difference?	Statistical Test Results		
Low on 1+ Domains	Yes	χ^2 (3) = 8.55	*p* = 0.036	Cramer's V = 0.049
Physical Health and Well-Being	Yes	χ^2 (3) = 18.18	*p* < 0.0001	Cramer's V = 0.071
Emotional Maturity	No	χ^2 (3) = 3.74	*p* = 0.291	Cramer's V = 0.032
Social Competence	No	χ^2 (3) = 3.43	*p* = 0.330	Cramer's V = 0.031
Language and Cognitive Development	No	χ^2 (3) = 4.48	*p* = 0.241	Cramer's V = 0.035
Communication and General Knowledge	Yes	χ^2 (3) = 14.19	*p* = 0.003	Cramer's V = 0.063

TABLE 9

SIGNIFICANT DIFFERENCES IN SUB-DOMAIN RESULTS (% CHILDREN NOT ON TRACK) FOR FL-OTHER CHILDREN IN OTTAWA

	Significant Difference?	Statistical Test Results		
Physical Readiness for School Day	Yes	χ^2 (3) = 15.04	*p* = 0.002	Cramer's V = 0.065
Physical Independence	No	χ^2 (3) = 1.97	*p* = 0.579	Cramer's V = 0.023
Gross and Fine Motor Skills	No	χ^2 (3) = 7.14	*p* = 0.068	Cramer's V = 0.045
Prosocial and Helping Behaviour	Yes	χ^2 (3) = 19.09	*p* < 0.0001	Cramer's V = 0.073
Anxious and Fearful Behaviour	No	χ^2 (3) = 5.75	*p* = 0.124	Cramer's V = 0.040
Aggressive Behaviour	Yes	χ^2 (3) = 8.38	*p* = 0.039	Cramer's V = 0.048
Hyperactive and Inattentive Behaviour	No	χ^2 (3) = 0.31	*p* = 0.958	Cramer's V = 0.009
Overall Social Competence	No	χ^2 (3) = 0.91	*p* = 0.824	Cramer's V = 0.016
Responsibility and Respect	No	χ^2 (3) = 2.62	*p* = 0.453	Cramer's V = 0.027
Approaches to Learning	No	χ^2 (3) = 4.49	*p* = 0.214	Cramer's V = 0.035
Readiness to Explore New Things	No	χ^2 (3) = 0.71	*p* = 0.870	Cramer's V = 0.014
Basic Literacy	Yes	χ^2(3) = 8.88	*p* = 0.031	Cramer's V = 0.050
Interest in Literacy/Numeracy and Memory	No	χ^2 (3) = 3.62	*p* = 0.305	Cramer's V = 0.032
Advanced Literacy	No	χ^2 (3) = 5.50	*p* = 0.138	Cramer's V = 0.039
Basic Numeracy	No	χ^2 (3) = 3.21	*p* = 0.361	Cramer's V = 0.030
Communication Skills and General Knowledge	No	χ^2 (3) = 3.71	*p* = 0.295	Cramer's V = 0.032