Appendix I

Summary Tables for Statistical Test Results

TABLE 1

DEMOGRAPHIC CHANGES ACROSS EDI CYCLES IN STORMONT, DUNDAS, GLENGARRY, AND CORNWALL (SDG&C)

	Significant Difference?	Statistical Test Results		
Gender	No	χ^2 (3) = 0.68	p = 0.878	Cramer's V = 0.013
Age at Completion	Yes	F (3, 3874) = 8.79	p < 0.0001	Eta Squared = 0.007
Francophone	No	χ^2 (3) = 6.13	p = 0.405	Cramer's V = 0.028

TABLE 2

SIGNIFICANT DIFFERENCES BETWEEN CYCLES IN EDI DOMAIN VULNERABILITY IN SDG&C

	Significant Difference?	Statistical Test Results		
Low on 1+ Domains	Yes	χ^2 (3) = 16.28	p = 0.001	Cramer's V = 0.065
Physical Health and Well-Being	Yes	χ^2 (3) = 16.88	p = 0.001	Cramer's V = 0.066
Emotional Maturity	Yes	χ^2 (3) = 17.39	p = 0.001	Cramer's V = 0.067
Social Competence	Yes	χ^2 (3) = 8.48	p = 0.037	Cramer's V = 0.047
Language and Cognitive Development	Yes	χ^2 (3) = 19.80	p < 0.001	Cramer's V = 0.072
Communication and General Knowledge	Yes	χ^2 (3) = 18.67	p < 0.001	Cramer's V = 0.069

TABLE 3

SIGNIFICANT DIFFERENCES IN SUB-DOMAIN RESULTS (% CHILDREN BELOW DEVELOPMENTAL EXPECTATIONS) BETWEEN EDI CYCLES IN SDG&C

	Significant Difference?	Statistical Test Results		
Physical Readiness for School Day	Yes	χ^2 (3) = 27.51	p < 0.0001	Cramer's V = 0.084
Physical Independence	No	χ^2 (3) = 1.63	p = 0.654	Cramer's V = 0.020
Gross and Fine Motor Skills	Yes	χ^2 (3) = 15.60	p = 0.001	Cramer's V = 0.063
Prosocial and Helping Behaviour	No	χ^2 (3) = 2.62	p = 0.454	Cramer's V = 0.026
Anxious and Fearful Behaviour	Yes	χ^2 (3) = 8.16	p = 0.043	Cramer's V = 0.046
Aggressive Behaviour	Yes	χ^2 (3) = 17.81	p < 0.001	Cramer's V = 0.068
Hyperactive and Inattentive Behaviour	Yes	χ^2 (3) = 15.87	p = 0.001	Cramer's V = 0.064
Overall Social Competence	No	χ^2 (3) = 5.76	p = 0.124	Cramer's V = 0.039
Responsibility and Respect	Yes	χ^2 (3) = 13.64	p = 0.003	Cramer's V = 0.059
Approaches to Learning	Yes	χ^2 (3) = 7.65	p = 0.054	Cramer's V = 0.044
Readiness to Explore New Things	No	χ^2 (3) = 4.37	p = 0.224	Cramer's V = 0.034
Basic Literacy	Yes	χ^2(3) = 16.53	p = 0.001	Cramer's V = 0.065
Interest in Literacy/Numeracy and Memory	No	χ^2 (3) = 6.10	p = 0.107	Cramer's V = 0.040
Advanced Literacy	Yes	χ^2 (3) = 14.83	p = 0.002	Cramer's V = 0.062
Basic Numeracy	Yes	χ^2 (3) = 15.61	p = 0.001	Cramer's V = 0.063
Communication Skills and General Knowledge	Yes	χ^2 (3) = 19.52	p < 0.001	Cramer's V = 0.071

TABLE 4

DEMOGRAPHIC CHANGES FOR FRANCOPHONES ACROSS EDI CYCLES IN SDG&C

	Significant Difference?	Statistical Test Results		
Gender	No	χ^2 (3) = 1.79	*p* = 0.617	Cramer's V = 0.052
Age at Completion	No	F (2, 3875) = 1.08	*P* = 0.340	Eta Squared = 0.001

TABLE 5

SIGNIFICANT DIFFERENCES BETWEEN CYCLES IN EDI DOMAIN VULNERABILITY FOR FRANCOPHONES IN SDG&C

	Significant Difference?	Statistical Test Results		
Low on 1+ Domains	No	χ^2 (2) = 4.57	*p* = 0.206	Cramer's V = 0.084
Physical Health and Well-Being	No	χ^2 (2) = 4.16	*p* = 0.245	Cramer's V = 0.080
Emotional Maturity	No	χ^2 (2) = 1.50	*p* = 0.683	Cramer's V = 0.048
Social Competence	No	χ^2 (2) = 4.52	*p* = 0.210	Cramer's V = 0.083
Language and Cognitive Development	No	χ^2 (2) = 4.94	*p* = 0.176	Cramer's V = 0.087
Communication and General Knowledge	No	χ^2 (2) = 4.11	*p* = 0.249	Cramer's V = 0.079

TABLE 6

SIGNIFICANT DIFFERENCES IN SUB-DOMAIN RESULTS (% CHILDREN BELOW DEVELOPMENTAL EXPECTATIONS) BETWEEN EDI CYCLES FOR FRANCOPHONES IN SDG&C

	Significant Difference?	Statistical Test Results		
Physical Readiness for School Day	No	χ^2 (2) = 0.36	*p* = 0.947	Cramer's V = 0.024
Physical Independence	No	χ^2 (2) = 1.23	*p* = 0.745	Cramer's V = 0.043
Gross and Fine Motor Skills	Yes	χ^2 (2) = 10.59	*p* = 0.014	Cramer's V = 0.127
Prosocial and Helping Behaviour	No	χ^2 (2) = 0.29	*p* = 0.962	Cramer's V = 0.021
Anxious and Fearful Behaviour	No	χ^2 (2) = 2.96	*p* = 0.399	Cramer's V = 0.067
Aggressive Behaviour	No	χ^2 (2) = 1.22	*p* = 0.749	Cramer's V = 0.043
Hyperactive and Inattentive Behaviour	No	χ^2 (2) = 3.58	*p* = 0.310	Cramer's V = 0.074
Overall Social Competence	No	χ^2 (2) = 6.56	*p* = 0.087	Cramer's V = 0.100
Responsibility and Respect	No	χ^2 (2) = 4.16	*p* = 0.245	Cramer's V = 0.080
Approaches to Learning	No	χ^2 (2) = 4.45	*p* = 0.217	Cramer's V = 0.083
Readiness to Explore New Things	No	χ^2 (2) = 5.60	*p* = 0.133	Cramer's V = 0.093
Basic Literacy	Yes	χ^2(2) = 8.63	*p* = 0.035	Cramer's V = 0.115
Interest in Literacy/Numeracy and Memory	No	χ^2 (2) = 3.59	*p* = 0.309	Cramer's V = 0.074
Advanced Literacy	Yes	χ^2 (2) = 16.63	*P* = 0.001	Cramer's V = 0.160
Basic Numeracy	No	χ^2 (2) = 3.82	*p* = 0.281	Cramer's V = 0.076
Communication Skills and General Knowledge	Yes	χ^2 (2) = 11.47	*p* = 0.009	Cramer's V = 0.132