

Appendix B for Drivers of Pediatric Inpatient Experience: Retrospective analysis of case-mix factors for the Alberta Pediatric Inpatient Experience Survey in Alberta, Canada

Appendix B. Impact of case-mix adjustment variables and facility type on overall hospital experience rating. (Education collapsed)				
Variable	Levels	Odds Ratios (95% CI) ^a	Coefficient Significance ^b	LR Significance ^b
Respondent age	<25	<i>Ref.</i>		*
	25-34	1.37 (1.04-1.79)	*	
	35-44	1.36 (1.02-1.80)	*	
	45+	1.52 (1.08-2.12)	*	
Respondent level of education	< High school/ Some High school	<i>Ref.</i>		****
	Completed high school or equivalent	0.92 (0.71-1.20)	-	
	College or non-university certificate/diploma	0.83 (0.65-1.06)	-	
	Undergraduate degree or some university education	0.79 (0.60-1.00)	-	
	Post-undergraduate or professional degree	0.69 (0.53-0.90)	**	
Respondent relationship to child	Mother	<i>Ref.</i>		-
	Father	1.16 (0.96-1.40)	-	
	Other	1.09 (0.79-1.50)	-	
Child health status	Poor	<i>Ref.</i>		****
	Fair	1.27 (0.95-1.69)	-	
	Good	1.56 (1.19-2.03)	**	
	Very Good	1.98 (1.53-2.56)	***	
	Excellent	3.23 (2.49-4.20)	***	
Child age at discharge	<1	<i>Ref.</i>		**
	1-4	0.85 (0.73-0.99)	*	
	5-8	0.87 (0.72-1.06)	-	
	9-12	1.14 (0.91-1.43)	-	
	13-17	0.88 (0.71-1.08)	-	
Hospital type	General	<i>Ref.</i>		****
	Pediatric	4.73 (4.18-5.36)	***	
^a Odds ratios from the multivariable model. ^b <i>p-values</i> fall below the following levels: * 0.05, ** 0.01, *** 0.001, **** 0.0001; - denotes n.s. LR = Likelihood ratio.				