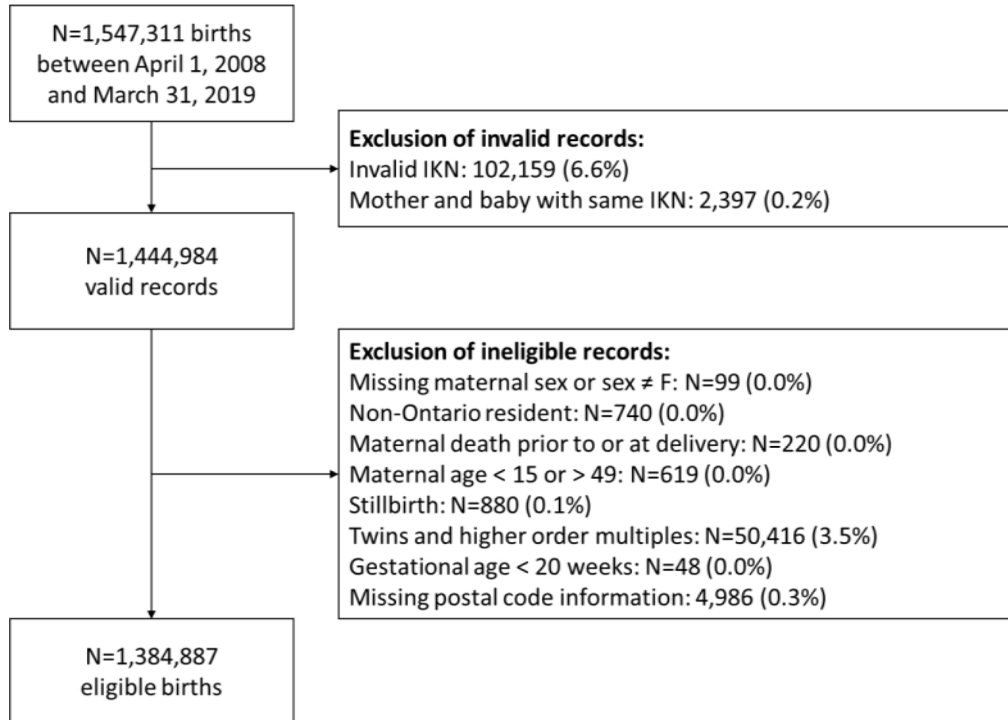


Supplementary Appendix 1: Study flowchart



Supplementary Appendix 2: Ascertainment of disability status

Category	Details	Codes	Data sources
Physical disabilities: Congenital anomalies	Congenital deformities of the feet	ICD-9: 754.5–754.7; ICD-10: Q66; OHIP: 754	CIHI-DAD, NACRS, OHIP
	Congenital musculoskeletal deformities of the chest	ICD-9: 754.8; ICD-10: Q67.6, Q67.7, Q67.8	CIHI-DAD, NACRS
	Dwarfism, not elsewhere classified	ICD-9: 259.4; ICD-10: E34.3	CIHI-DAD, NACRS
	Hypopituitarism	ICD-9: 253.4; ICD-10: E23.0	CIHI-DAD, NACRS
	Other congenital anomalies of the nervous system	ICD-9: 742; ICD-10: Q01.9, Q02-Q04, Q06, Q07.8, Q07.9, G90.1; OHIP: 742	CIHI-DAD, NACRS, OHIP
	Other congenital musculoskeletal deformities	ICD-9: 756; ICD-10: Q75-Q79; OHIP: 756	CIHI-DAD, NACRS, OHIP
	Reduction defects of lower limb	ICD-9: 755.3; ICD-10: Q72	CIHI-DAD, NACRS
	Reduction defects of upper limb	ICD-9: 755.2; ICD-10: Q71	CIHI-DAD, NACRS
	Spina bifida	ICD-9: 741; ICD-10: Q05; OHIP: 741	CIHI-DAD, NACRS, OHIP
	Syndactyly	ICD-9: 755.1; ICD-10: Q70; OHIP: 755	CIHI-DAD, NACRS, OHIP
Physical disabilities: Musculoskeletal and connective tissue disorders	Acromegaly and gigantism	ICD-9: 253.0; ICD-10: E22.0	CIHI-DAD, NACRS
	Ankylosing spondylitis	ICD-9: 720; ICD-10: M45, M46; OHIP: 720	CIHI-DAD, NACRS, OHIP
	Polymyalgia rheumatica	ICD-9: 725; ICD-10: M35.3; OHIP: 725	CIHI-DAD, NACRS
	Rheumatoid arthritis	ICD-9: 714; ICD-10: M05, M06; OHIP: 714	CIHI-DAD, NACRS, OHIP
	Spondylosis	ICD-9: 721; ICD-10: M47; OHIP: 721	CIHI-DAD, NACRS, OHIP
Physical disabilities: Neurological disorders	Cerebral palsy	ICD-9: 343; ICD-10: G80; OHIP: 343	CIHI-DAD, NACRS, OHIP
	Disorders of autonomic nervous system	ICD-9: 337; ICD-10: G90	CIHI-DAD, NACRS
	Epilepsy	ICD-9: 345.0–345.1, 345.4–345.9; ICD-10: G40; OHIP: 345	CIHI-DAD, NACRS, OHIP
	Hemiplegia	ICD-9: 342; ICD-10: G81	CIHI-DAD, NACRS
	Hereditary and idiopathic neuropathy	ICD-9: 356; ICD-10: G60; OHIP: 356	CIHI-DAD, NACRS, OHIP
	Hereditary ataxia and other specified degenerative disorders of the nervous system classified elsewhere	ICD-9: 334; ICD-10: G11, G32.8	CIHI-DAD, NACRS
	Multiple sclerosis	ICD-9: 340; ICD-10: G35; OHIP: 340	CIHI-DAD, NACRS, OHIP
	Muscular dystrophy	ICD-9: 359.0; ICD-10: G71, G72; OHIP: 359	CIHI-DAD, NACRS, OHIP
	Myasthenia gravis	ICD-9: 358; ICD-10: G70. OHIP: 358	CIHI-DAD, NACRS
	Nerve root and plexus disorders	ICD-9: 353; ICD-10: G54, G55	CIHI-DAD, NACRS
	Other demyelinating diseases of central nervous system	ICD-9: 341; ICD-10: G36, G37	CIHI-DAD, NACRS
	Other disorders of spinal cord	ICD-9: 336; ICD-10: G95	CIHI-DAD, NACRS
	Other extrapyramidal and movement disorders	ICD-9: 333; ICD-10: G10, G23, G24.1–G24.9, G25	CIHI-DAD, NACRS
	Other paralytic syndromes	ICD-9: 344; ICD-10: G82, G83	CIHI-DAD, NACRS

Continued

Supplementary Appendix 2: Continued

Category	Details	Codes	Data sources
Physical disabilities: Permanent injuries	Other polyneuropathies	ICD-9: 357; ICD-10: G61, G62, G63	CIHI-DAD, NACRS
	Other specified degenerative diseases of the nervous system	ICD-9: 331.8; ICD-10: G31.8	CIHI-DAD, NACRS
	Sequelae of cardiovascular disease	ICD-9: 438; ICD-10: I69	CIHI-DAD, NACRS
	Sequelae of poliomyelitis	ICD-9: 138; ICD-10: B91	CIHI-DAD, NACRS
	Spinal muscular atrophy and related syndromes	ICD-9: 335.1, 335.2, 335.8, 335.9; ICD-10: G12	CIHI-DAD, NACRS
	Brain injury	ICD-9: 800.1, 800.3, 801.1, 801.3, 802.6, 802.7, 803.1, 803.3, 804.1, 804.3, 850, 851–854, 907.0, 907.1; ICD-10: S02.0, S02.1, S02.3, S02.7–S02.9, S06.1–S06.9, S07, T02.0, T90.5	CIHI-DAD, NACRS
	Crushing injury of the lower limb	ICD-9: 928.0–928.2, 928.8; ICD-10: S77, S87, S97.0, T04.1, T04.3–T04.8	CIHI-DAD, NACRS
	Dependence on a wheelchair	ICD-9: V46.3; ICD-10: Z99.3	CIHI-DAD, NACRS
	Dependence on other enabling machines and devices	ICD-9: V46.8; ICD-10: Z99.8	CIHI-DAD, NACRS
	Fracture of the vertebral column with spinal cord injury	ICD-9: 806, 907.2, 952; ICD-10: S14.0, S14.1, S24.0, S24.1, S34.0, S34.1, S34.3, T06.0, T06.1, T91.3; OHIP: 806	CIHI-DAD, NACRS, OHIP
	Other acquired deformities of limbs	ICD-9: 736.8; ICD-10: M21.8	CIHI-DAD, NACRS
	Traumatic amputation of the lower limb	ICD-9: 896, 897, V49.7; ICD-10: S78, S88, S98.0, S98.3, T05, Z89.4–Z89.8	CIHI-DAD, NACRS
	Traumatic amputation of the upper limb	ICD-9: 887, V49.6; ICD-10: S48, S58, S68.3, S68.4, Z89.1–Z89.3	CIHI-DAD, NACRS
Hearing impairments	Conductive and sensorineural hearing loss	ICD-9: 389; ICD-10: H90, H91.3, H91.8, H91.9; OHIP: 389	CIHI-DAD, NACRS, OHIP
	Congenital malformations of ear causing impairment of hearing	ICD-9: 744.0; ICD-10: Q16.0, Q16.1, Q16.3–Q16.9	CIHI-DAD, NACRS
Vision impairments	Blindness and low vision	ICD-9: 369; ICD-10: H54; OHIP: 369	CIHI-DAD, NACRS, OHIP
	Cataracts	ICD-9: 366; ICD-10: H25, H26; OHIP: 366	CIHI-DAD, NACRS, OHIP
	Chorioretinal inflammation	ICD-9: 363; ICD-10: H30, H31	CIHI-DAD, NACRS
	Disorders of globe	ICD-9: 360; ICD-10: H44	CIHI-DAD, NACRS
	Disorders of the iris and ciliary body	ICD-9: 364.1; ICD-10: H20.1	CIHI-DAD, NACRS
	Disorders of visual cortex	ICD-9: 377.7; ICD-10: H47.6	CIHI-DAD, NACRS
	Glaucoma	ICD-9: 365; ICD-10: H40, H42; OHIP: 365	CIHI-DAD, NACRS, OHIP
	Other retinal disorders	ICD-9: 362; ICD-10: E10.31–E10.35, E11.31–E11.35, H34–H36; OHIP: 362	CIHI-DAD, NACRS, OHIP

Continued

Supplementary Appendix 2: Continued

Category	Details	Codes	Data sources
Developmental disabilities	Autism spectrum disorder	ICD-9: 299; ICD-10: F84.0, F84.1, F84.3-F84.9; OHIP: 299, DSM: Q2a, Q2b or Q2c (i.e., Axis I) in 299, 299.00, 299.1, 299.10, 299.8, 299.809 (and retired fields)	CIHI-DAD, NACRS, OHIP, OMHRS
	Fetal alcohol spectrum disorder	ICD-9: 760.71, 760.77; ICD-10: Q86.0	CIHI-DAD, NACRS
	Intellectual disability	ICD-9: 317–319; ICD-10: F70-F73, F78, F79; OHIP: 319, DSM: Q2d (i.e., Axis II) in 317, 318, 318.0, 318.1, 318.2, 319	CIHI-DAD, NACRS, OHIP, OMHRS
	Intellectual disability resulting from chromosomal anomalies	ICD-9: 758.0–758.3, 758.5, 758.8, 758.9; ICD-10: Q90, Q91, Q92.0-Q92.5, Q92.7-Q92.9, Q93, Q97.1, Q99.2, Q99.8, DSM: I11h–I11m = any diagnosis of Qxxx as listed in ICD-10 column	CIHI-DAD, NACRS, OMHRS
	Other intellectual disabilities	ICD-9: 759.5; ICD-10: Q85.1, Q86.1, Q87.1, Q87.23, Q87.31, Q87.8, DSM: I11h–I11m = any diagnosis of Qxxx as listed in ICD-10 column; Q3 = 1	CIHI-DAD, NACRS, OMHRS

Abbreviations: CIHI-DAD = Canadian Institute for Health Information Discharge Abstract Database; DSM = Diagnostic and Statistical Manual of Mental Disorders; ICD = International Classification of Diseases and Related Health Problems; NACRS = National Ambulatory Care Reporting System; OHIP = Ontario Health Insurance Plan Database; OMHRS = Ontario Mental Health Reporting System.



Supplementary Appendix 3: Ascertainment of covariates

Category	Details	Codes or definition	Datasets
Sociodemographic characteristics	Maternal age	Age at conception	RPDB
	Parity	Number of previous livebirths, based on PREVBIRTH	MOMBABY
	Neighbourhood income quintile	Census dissemination area-level measure of household income	Census, RPDB
	Social assistance	Eligibility for the Ontario Drug Benefits program, provided to individuals on social assistance, unable to work because of disability, or with high prescription costs	ODB
	Rural residence	Living in a town or municipality outside the commuting zone of centres with a population of 10,000 or more	Census, RPDB
Health characteristics	Maternal stable and unstable chronic conditions	Johns Hopkins Adjusted Clinical Groups System v. 10.0	CIHI-DAD, NACRS, OHIP, OMHRS
	Maternal mental illness	ICD-10: F06-F09, F20-F54, F55-F62, F63.1-F99; DSMIV: any OMHRS (excluding 290–292, 294, 303–305); OHIP: 295–298, 300–302, 306, 309, 311	CIHI-DAD, NACRS, OHIP, OMHRS
	Maternal substance use disorder	ICD-10: F10-F19, F55, F63.0; DSMIV: 291 (excluding 291.82), 292 (excluding 292.85), 303–305; OHIP: 303, 304	CIHI-DAD, NACRS, OHIP, OMHRS
Healthcare characteristics	Adequacy of prenatal care	Revised Graduated Prenatal Care Utilization Index, which reflects the timing and number of prenatal care visits	OHIP
Pregnancy characteristics	Severe maternal morbidity	ICD-10: D57.0, D65, F23, F53.1, G41, G93.6, I21, I22, I42, I43, I46, I49.0, I50, I60-I64, J81, K35, K37, J45.01, J45.11, J45.81, J45.91, K65, K71-K72, O14, O15, O22.5, O26.6 + RBCTRNSF='Y' or PLSTRNSF='Y', O29.0, O29.1, O29.2, O44.1 + RBCTRNSF='Y', O45.0, O46.0, O.65 + RBCTRNSF='Y', O67.0, O71.0, O71.1, O74.0, O74.1, O74.2, O74.3, O75.1, O75.3, O75.4, O85, O87.3, O88, O89.0, O89.1, O89.2, O90.3, O90.4, N17, N19, N73.3, N73.5, N99.0, R40.2, R57, T80.5, T88.6, SCUadmdate1–6 variable; CCI: 1.GZ.31.CA-ND, 1.GZ.31.CR-ND, 1.HZ.09, 1.HZ.30, 5.MD.60.RC, 5.MD.60.RD, 5.MD.60.KE, 5.MD.60.CB, 1.NK.80, 1.NM.80, (5.PC.80.JM or 5.PC.80.JH) + RBCTRNSF='Y', 5.PC.80.JR, 5.PC.80.JS + RBCTRNSF='Y', (5.PC.91.GA or 5.PC.91.GC or 5.PC.91.GD) + RBCTRNSF='Y', 5.PC.91.HP, 5.PC.91.HQ (exclude cesarean births, 5.MD.60), 1.PZ.21, (RBCTRNSF='Y' or [1.RM.13 or 1.KT.51 or 5.PC.91.LA or 5.PC.91.HV] or [5.MD.60.RC, 5.MD.60.RD, 5.MD.60.KE, 5.MD.60.CB, 1.RM.89.LA] or [1.RM.87.LA-GX]), 1.RM.89.LA, 1.RM.87.LA-GX	CIHI-DAD

Continued

Supplementary Appendix 3: Continued

Category	Details	Codes or definition	Datasets
	Preterm birth	Birth < 37 weeks, based on B_GESTWKS_DEL	MOMBABY
	Severe neonatal morbidity	ICD-10: P14, P22, P29, P36, P39, P52.2, P90, P91.2, P91.6	CIHI-DAD

Abbreviations: CCI = Canadian Classification of Interventions; CIHI-DAD = Canadian Institute for Health Information Discharge Abstract Database; DSM = Diagnostic and Statistical Manual of Mental Disorders; ICD = International Classification of Diseases and Related Health Problems; NACRS = National Ambulatory Care Reporting System; ODB = Ontario Drug Benefits database; OHIP = Ontario Health Insurance Plan Database; OMHRS = Ontario Mental Health Reporting System; RPDB = Registered Persons Database.



Supplementary Appendix 4: Predictors of discharge to social services among newborns of women with a physical disability

Predictor	Number (%) with outcome	Unadjusted RR (95% CI)	Adjusted RR (95% CI)
Maternal age			
15–24 years	195 (1.17)	2.30 (1.85–2.87)	1.40 (1.33–1.72)
25–34 years	280 (0.40)	Referent (1.00)	Referent (1.00)
35–49 years	97 (0.34)	0.86 (0.69–1.08)	1.05 (0.83–1.33)
Parity			
Primiparous	133 (0.28)	Referent (1.00)	Referent (1.00)
Multiparous	439 (0.66)	2.11 (1.78–2.50)	1.76 (1.44–2.15)
Neighborhood income quintile			
Q3–5 (middle-high)	134 (0.20)	Referent (1.00)	Referent (1.00)
Q1–2 (low)	438 (0.94)	4.00 (3.27–4.89)	1.86 (1.50–2.30)
Social assistance			
No	116 (2.49)	Referent (1.00)	Referent (1.00)
Yes	456 (0.12)	17.90 (14.42–22.22)	8.02 (6.20–10.38)
Region of residence			
Urban	504 (0.45)	Referent (1.00)	Referent (1.00)
Rural	68 (0.51)	0.92 (0.70–1.20)	0.78 (0.60–1.02)
Stable chronic condition			
No	412 (0.52)	Referent (1.00)	Referent (1.00)
Yes	160 (0.45)	0.90 (0.74–1.08)	0.90 (0.74–1.10)
Unstable chronic conditions			
No	469 (0.49)	Referent (1.00)	Referent (1.00)
Yes	103 (0.54)	1.13 (0.91–1.40)	0.95 (0.76–1.18)
Mental illness			
No	222 (1.53)	Referent (1.00)	Referent (1.00)
Yes	350 (0.24)	5.11 (4.22–6.18)	2.04 (1.63–2.55)
Substance use disorder			
No	370 (0.33)	Referent (1.00)	Referent (1.00)
Yes	202 (7.20)	16.50 (12.94–21.04)	3.08 (2.60–3.65)
Prenatal care adequacy			
Adequate/intensive	262 (0.31)	Referent (1.00)	Referent (1.00)
None/inadequate/intermediate	310 (1.02)	3.00 (2.54–3.57)	3.08 (2.60–3.65)
Severe maternal morbidity			
No	530 (0.48)	Referent (1.00)	Referent (1.00)
Yes	42 (0.99)	1.96 (1.41–2.74)	1.59 (1.14–2.21)
Preterm birth			
No	460 (0.43)	Referent (1.00)	Referent (1.00)
Yes	112 (1.29)	2.75 (2.19–3.44)	1.53 (1.20–1.95)
Severe neonatal morbidity			
No	435 (0.42)	Referent (1.00)	Referent (1.00)
Yes	137 (1.24)	2.64 (2.14–3.25)	1.78 (1.42–2.24)

Supplementary Appendix 5: Predictors of discharge to social services among newborns of women with a sensory disability

Predictor	Number (%) with outcome	Unadjusted RR (95% CI)	Adjusted RR (95% CI)
Maternal age			
15–24 years	88 (1.25)	4.62 (3.15–6.76)	1.98 (1.24–3.15)
25–34 years	50 (0.22)	Referent (1.00)	Referent (1.00)
35–49 years	14 (0.16)	0.74 (0.42–1.31)	1.00 (0.56–1.78)
Parity			
Primiparous	56 (0.32)	Referent (1.00)	Referent (1.00)
Multiparous	96 (0.46)	1.28 (0.92–1.78)	1.24 (0.85–1.81)
Neighborhood income quintile			
Q3–5 (middle-high)	38 (0.17)	Referent (1.00)	Referent (1.00)
Q1–2 (low)	114 (0.71)	2.92 (1.91–4.48)	1.76 (1.16–2.65)
Social assistance			
No	41 (0.13)	Referent (1.00)	Referent (1.00)
Yes	111 (1.91)	10.72 (6.84–16.79)	5.30 (3.17–8.86)
Region of residence			
Urban	134 (0.39)	Referent (1.00)	Referent (1.00)
Rural	18 (0.42)	1.10 (0.62–1.95)	1.04 (0.63–1.72)
Stable chronic condition			
No	124 (0.46)	Referent (1.00)	Referent (1.00)
Yes	28 (0.24)	0.58 (0.38–0.89)	0.72 (0.44–1.18)
Unstable chronic conditions			
No	136 (0.42)	Referent (1.00)	Referent (1.00)
Yes	16 (0.27)	0.70 (0.41–1.22)	0.74 (0.41–1.35)
Mental illness			
No	74 (0.23)	Referent (1.00)	Referent (1.00)
Yes	78 (1.18)	3.87 (2.58–5.80)	1.88 (1.21–2.93)
Substance use disorder			
No	118 (0.31)	Referent (1.00)	Referent (1.00)
Yes	34 (6.72)	18.39 (11.00–30.73)	4.74 (2.80–8.04)
Prenatal care adequacy			
Adequate/intensive	80 (0.28)	Referent (1.00)	Referent (1.00)
None/inadequate/intermediate	72 (0.71)	2.34 (1.66–3.29)	2.28 (1.62–3.21)
Severe maternal morbidity			
No	143 (0.39)	Referent (1.00)	Referent (1.00)
Yes	9 (0.64)	1.83 (0.93–3.58)	1.92 (0.97–3.79)
Preterm birth			
No	130 (0.37)	Referent (1.00)	Referent (1.00)
Yes	22 (0.79)	1.91 (1.07–3.42)	1.04 (0.59–1.84)
Severe neonatal morbidity			
No	111 (0.32)	Referent (1.00)	Referent (1.00)
Yes	41 (1.10)	3.29 (2.21–4.90)	2.83 (1.83–4.38)

Supplementary Appendix 6: Predictors of discharge to social services among newborns of women with an intellectual/developmental disability

Predictor	Number (%) with outcome	Unadjusted RR (95% CI)	Adjusted RR (95% CI)
Maternal age			
15–24 years	65 (7.54)	1.50 (1.02–2.20)	1.18 (0.78–1.79)
25–34 years	41 (4.47)	Referent (1.00)	Referent (1.00)
35–49 years	11 (3.49)	0.75 (0.40–1.43)	1.27 (0.65–2.49)
Parity			
Primiparous	54 (5.62)	Referent (1.00)	Referent (1.00)
Multiparous	63 (5.56)	0.98 (0.70–1.36)	1.01 (0.69–1.47)
Neighborhood income quintile			
Q3–5 (middle-high)	22 (2.58)	Referent (1.00)	Referent (1.00)
Q1–2 (low)	95 (7.66)	2.53 (1.62–3.94)	1.83 (1.14–2.94)
Social assistance			
No	20 (1.98)	Referent (1.00)	Referent (1.00)
Yes	97 (8.93)	4.04 (2.50–6.53)	2.82 (1.60–4.96)
Region of residence			
Urban	106 (5.71)	Referent (1.00)	Referent (1.00)
Rural	11 (4.61)	0.79 (0.40–1.54)	0.74 (0.39–1.41)
Stable chronic condition			
No	99 (6.68)	Referent (1.00)	Referent (1.00)
Yes	18 (2.94)	0.49 (0.31–0.80)	0.49 (0.29–0.80)
Unstable chronic conditions			
No	93 (5.39)	Referent (1.00)	Referent (1.00)
Yes	24 (6.49)	1.28 (0.82–1.98)	1.23 (0.81–1.87)
Mental illness			
No	41 (3.26)	Referent (1.00)	Referent (1.00)
Yes	76 (9.07)	2.66 (1.83–3.88)	1.78 (1.19–2.67)
Substance use disorder			
No	91 (4.69)	Referent (1.00)	Referent (1.00)
Yes	26 (16.88)	3.49 (2.24–5.43)	1.95 (1.23–3.09)
Prenatal care adequacy			
Adequate/intensive	61 (4.26)	Referent (1.00)	Referent (1.00)
None/inadequate/intermediate	56 (8.45)	1.85 (1.25–2.72)	1.91 (1.32–2.77)
Severe maternal morbidity			
No	109 (5.45)	Referent (1.00)	Referent (1.00)
Yes	8 (8.51)	1.63 (0.82–3.28)	1.63 (0.81–3.31)
Preterm birth			
No	96 (5.06)	Referent (1.00)	Referent (1.00)
Yes	21 (10.61)	1.97 (1.23–3.15)	1.42 (0.86–2.32)
Severe neonatal morbidity			
No	90 (4.91)	Referent (1.00)	Referent (1.00)
Yes	27 (10.31)	2.15 (1.45–3.17)	1.73 (1.15–2.60)

Supplementary Appendix 7: Predictors of discharge to social services among newborns of women with multiple disabilities

Predictor	Number (%) with outcome	Unadjusted RR (95% CI)	Adjusted RR (95% CI)
Maternal age			
15–24 years	68 (4.10)	2.79 (1.86–4.18)	1.74 (1.21–2.50)
25–34 years	58 (1.27)	Referent (1.00)	Referent (1.00)
35–49 years	13 (0.70)	0.65 (0.38–1.12)	0.86 (0.48–1.56)
Parity			
Primiparous	51 (1.43)	Referent (1.00)	Referent (1.00)
Multiparous	88 (1.96)	1.21 (0.87–1.70)	1.29 (0.91–1.82)
Neighborhood income quintile			
Q3–5 (middle-high)	31 (0.71)	Referent (1.00)	Referent (1.00)
Q1–2 (low)	108 (2.93)	3.31 (2.17–5.04)	1.73 (1.16–2.59)
Social assistance			
No	10 (0.18)	Referent (1.00)	Referent (1.00)
Yes	129 (5.46)	27.35 (14.39–52.00)	14.80 (7.61–28.82)
Region of residence			
Urban	121 (1.72)	Referent (1.00)	Referent (1.00)
Rural	18 (1.72)	1.12 (0.66–1.92)	1.22 (0.73–2.05)
Stable chronic condition			
No	91 (1.78)	Referent (1.00)	Referent (1.00)
Yes	48 (1.62)	1.06 (0.73–1.53)	1.00 (0.69–1.44)
Unstable chronic conditions			
No	100 (1.61)	Referent (1.00)	Referent (1.00)
Yes	39 (2.07)	1.05 (0.67–1.65)	1.03 (0.67–1.58)
Mental illness			
No	53 (0.91)	Referent (1.00)	Referent (1.00)
Yes	86 (3.84)	3.64 (2.54–5.20)	1.63 (1.10–2.41)
Substance use disorder			
No	103 (1.33)	Referent (1.00)	Referent (1.00)
Yes	36 (10.75)	5.85 (3.41–10.03)	1.98 (1.25–3.13)
Prenatal care adequacy			
Adequate/intensive	79 (1.30)	Referent (1.00)	Referent (1.00)
None/inadequate/intermediate	60 (3.00)	2.09 (1.41–3.09)	2.24 (1.60–3.13)
Severe maternal morbidity			
No	126 (1.65)	Referent (1.00)	Referent (1.00)
Yes	13 (3.01)	1.56 (0.70–3.51)	1.27 (0.67–2.34)
Preterm birth			
No	117 (1.61)	Referent (1.00)	Referent (1.00)
Yes	22 (2.76)	1.70 (0.97–2.98)	1.12 (0.67–1.87)
Severe neonatal morbidity			
No	109 (1.52)	Referent (1.00)	Referent (1.00)
Yes	30 (3.27)	2.13 (1.36–3.31)	1.78 (1.15–2.77)

Supplementary Appendix 8: Predictors of discharge to social services among newborns of women without a disability

Predictor	Number (%) with outcome	Unadjusted RR (95% CI)	Adjusted RR (95% CI)
Maternal age			
15–24 years	1,174 (0.70)	3.79 (3.42–4.20)	1.93 (1.74–2.15)
25–34 years	1,092 (0.14)	Referent	Referent
35–49 years	261 (0.09)	0.69 (0.61–0.79)	0.88 (0.76–1.01)
Parity			
Primiparous	737 (0.14)	Referent (1.00)	Referent (1.00)
Multiparous	1,790 (0.26)	1.68 (1.55–1.82)	1.57 (1.44–1.72)
Neighborhood income quintile			
Q3–5 (middle-high)	726 (0.10)	Referent (1.00)	Referent (1.00)
Q1–2 (low)	1,801 (0.35)	2.85 (2.59–3.13)	1.52 (1.38–1.67)
Social assistance			
No	764 (0.07)	Referent (1.00)	Referent (1.00)
Yes	1,763 (1.48)	18.07 (16.44–19.86)	7.51 (6.65–8.47)
Region of residence			
Urban	2,205 (0.20)	Referent (1.00)	Referent (1.00)
Rural	322 (0.28)	1.32 (1.15–1.52)	0.91 (0.80–1.03)
Stable chronic condition			
No	2,101 (0.23)	Referent (1.00)	Referent (1.00)
Yes	426 (0.13)	0.60 (0.54–0.67)	0.70 (0.629–0.78)
Unstable chronic conditions			
No	2,267 (0.21)	Referent (1.00)	Referent (1.00)
Yes	260 (0.18)	0.90 (0.78–1.02)	0.85 (0.75–0.98)
Mental illness			
No	1,234 (0.11)	Referent (1.00)	Referent (1.00)
Yes	1,293 (0.88)	6.36 (5.80–6.96)	2.57 (2.31–2.85)
Substance use disorder			
No	1,840 (0.15)	Referent (1.00)	Referent (1.00)
Yes	687 (5.64)	25.73 (22.28–29.71)	4.22 (3.74–4.77)
Prenatal care adequacy			
Adequate/intensive	1,091 (0.12)	Referent (1.00)	Referent (1.00)
None/inadequate/intermediate	1,436 (0.42)	3.01 (2.76–3.28)	3.06 (2.81–3.33)
Severe maternal morbidity			
No	2,413 (0.20)	Referent (1.00)	Referent (1.00)
Yes	114 (0.33)	1.56 (1.27–1.92)	1.29 (1.06–1.56)
Preterm birth			
No	2,052 (0.18)	Referent (1.00)	Referent (1.00)
Yes	475 (0.65)	3.33 (2.91–3.68)	2.07 (1.83–2.34)
Severe neonatal morbidity			
No	2,010 (0.18)	Referent (1.00)	Referent (1.00)
Yes	517 (0.52)	2.72 (2.44–3.03)	1.84 (1.65–2.07)