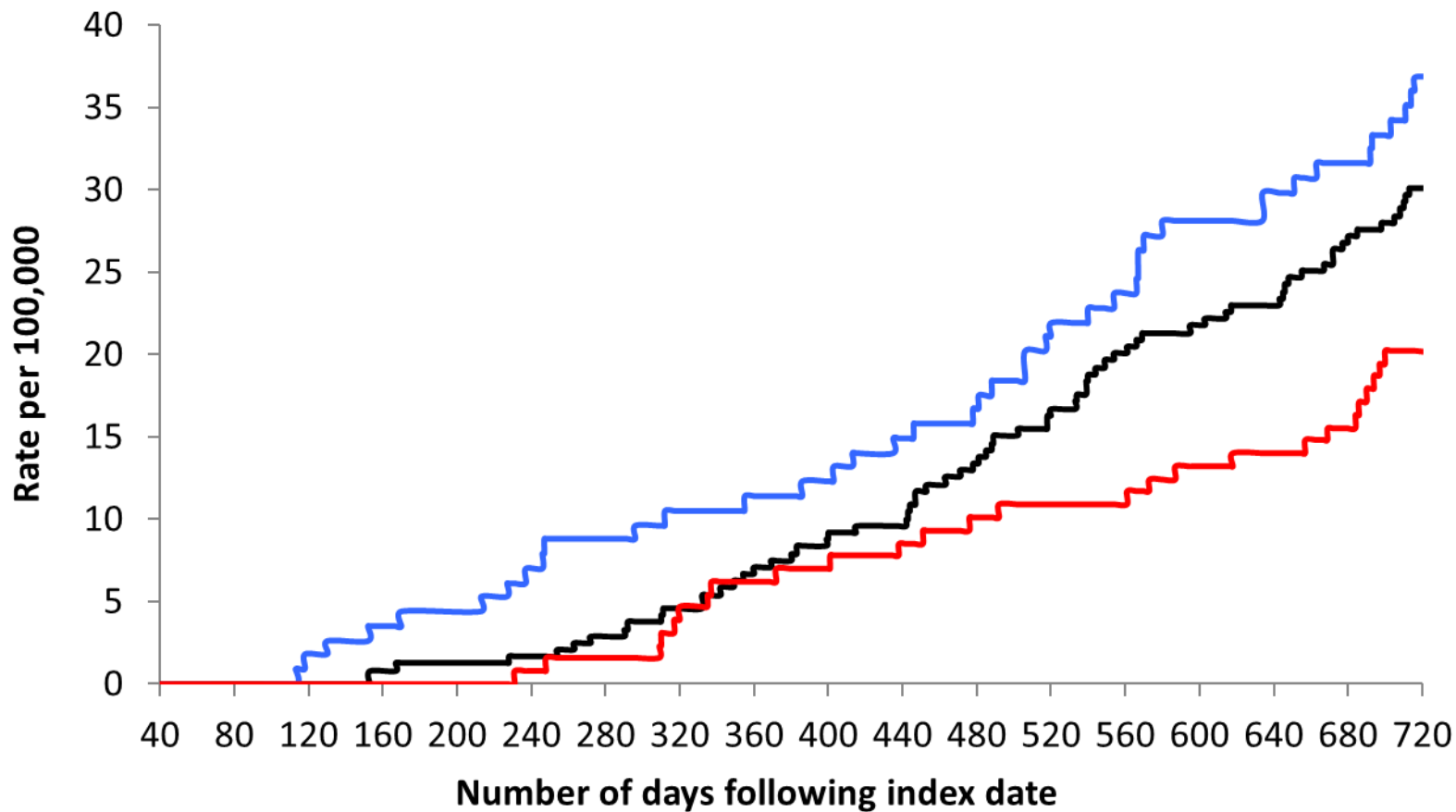


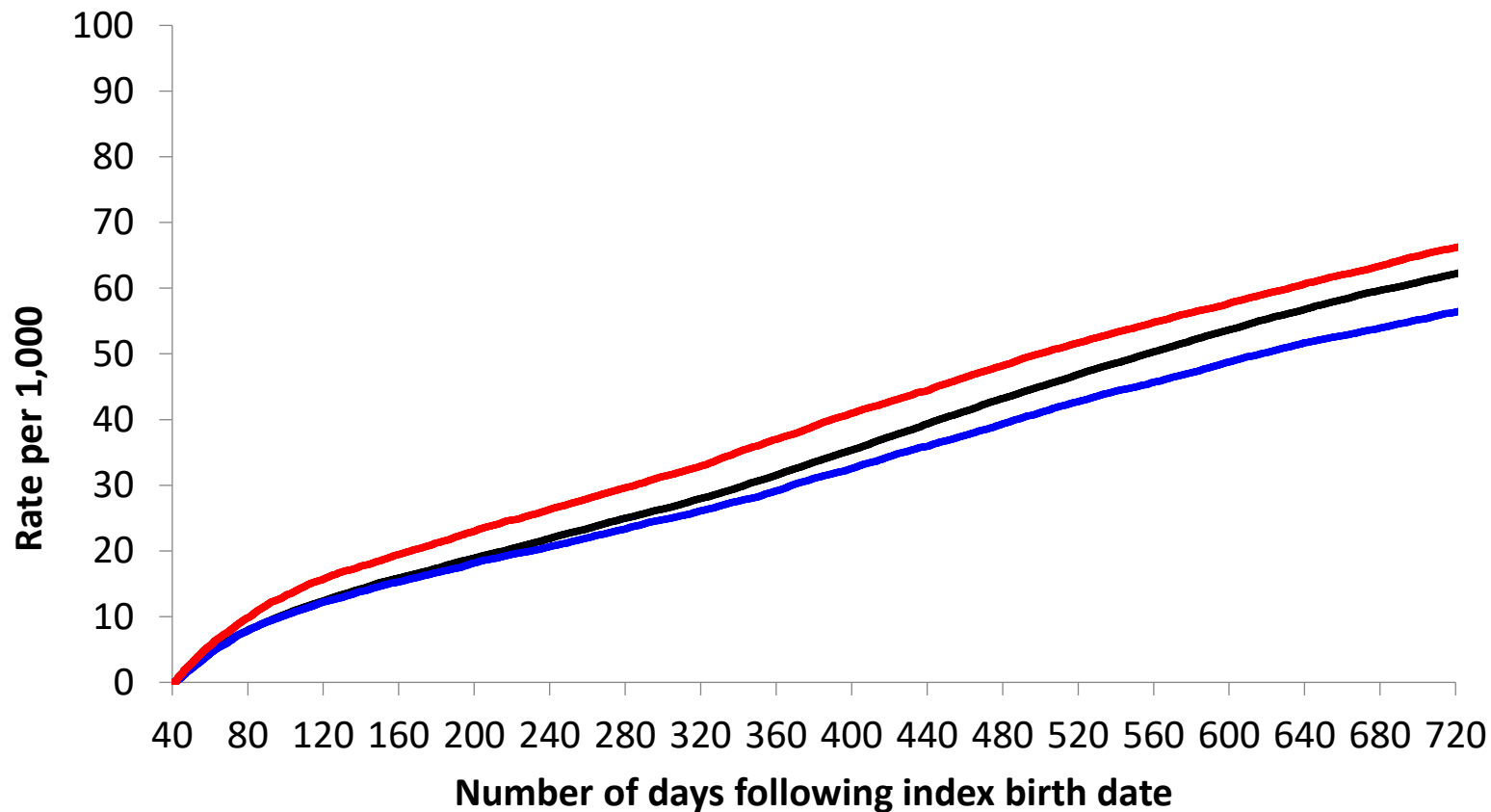
Figure 2B. Maternal mortality by type of primary care model. Concordant: Mother and infant have the same family physician (FP) (middle black line); Discordant: Mother and infant have different FP (upper blue line); Pediatrician: Mother has a FP and child has a paediatrician (lower red line).



No. at risk:

Concordant	239033	239030	239017	238989	238961
Discordant	114006	114001	113993	113981	113964
Pediatrician	128682	128682	128674	128668	128656

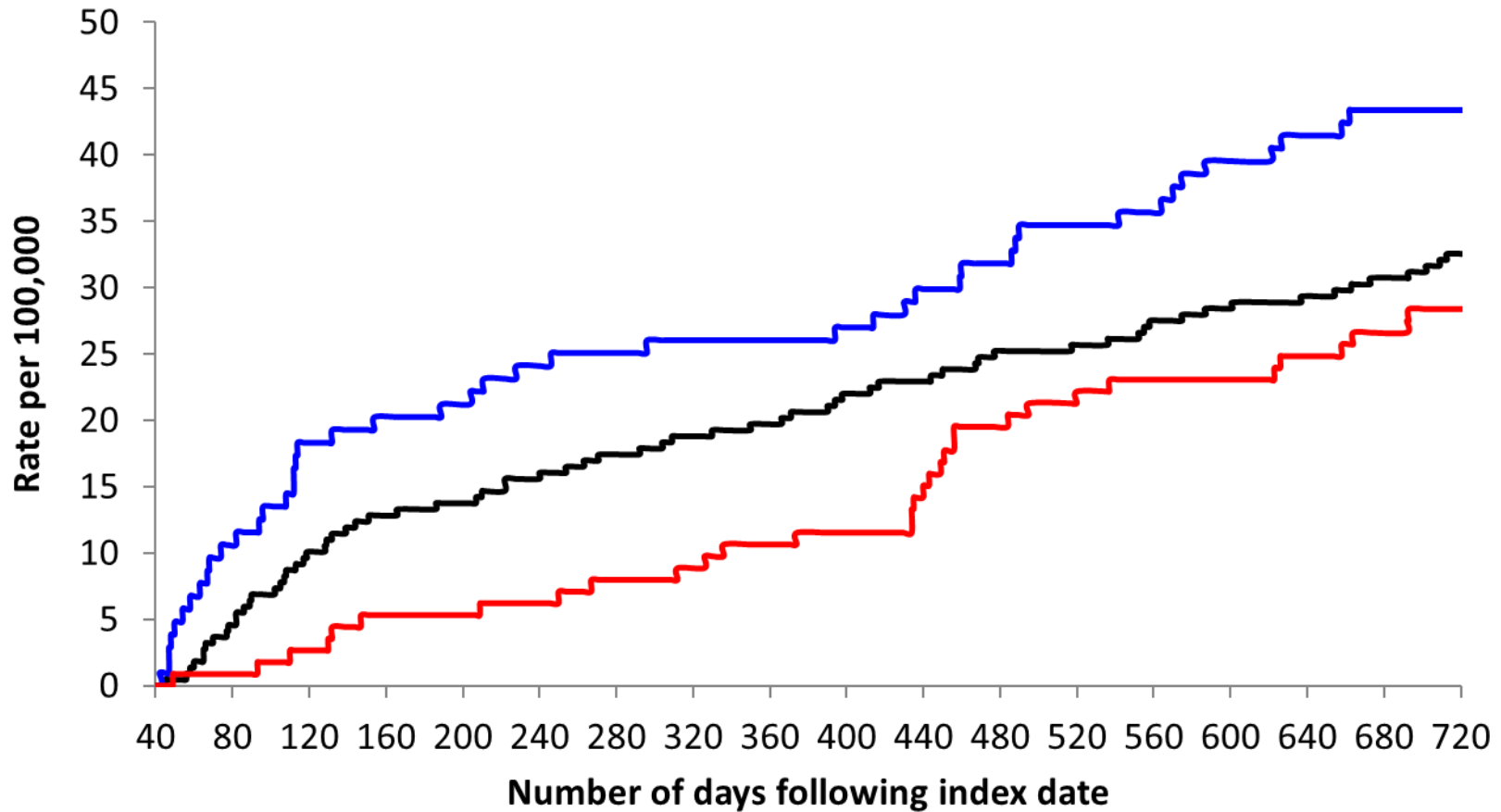
Figure 2C. Child hospitalization by type of primary care model. Concordant: Mother and infant have the same family physician (FP) (middle black line); Discordant: Mother and infant have different FP (lower blue line); Pediatrician: Mother has a FP and child has a paediatrician (upper red line). Included are apparently healthy children, neither born preterm nor with a complex chronic condition.



No. at risk:

Concordant	218321	214510	211418	207677	204705
Discordant	103629	101882	100593	99010	97758
Pediatrician	112577	110186	108408	106574	105116

Figure 2D. Child mortality by type of primary care model. Concordant: Mother and infant have the same family physician (FP) (middle black line); Discordant: Mother and infant have different FP (upper blue line); Pediatrician: Mother has a FP and child has a paediatrician (lower red line). Included are apparently healthy children, neither born preterm nor with a complex chronic condition.



No. at risk:

Concordant	218321	218292	218278	218264	218250
Discordant	103629	103608	103602	103593	103584
Pediatrician	112577	112571	112565	112551	112545

Appendix A

Primary Care Codes from Ontario Health Insurance Plan (OHIP) Billings Database

Primary care provider who provided the majority care for mothers and their infant from 42 days to 365 days following the infant's birth date.

Maternal Primary Care Provider Assignment

All visits by general practitioners or family doctors in Ontario during observation window with the following fee codes:

A001, A003, A004, A005, A006, A007, A008, A901, A903, A905, G212, G271, G372, G373, G365, G538, G539, G590, G591, G842, G843, G844, G845, G846, G847, G848, K005, K013, K017 and a location code of office, home, or phone.

Physician who billed the greatest number of days of visits by the mother assigned as the primary care provider for the mother. Where there was a tie, the primary care provider who most recently saw the mother was assigned as the primary care provider. [Pediatrics](#). 2006 Mar;117(3):595-602

Child Primary Care Provider Assignment

All visits by general practitioners, family doctors, or **Pediatricians** in Ontario during the observation window with the following fee codes:

A001, A002, A003, A004, A005, A006, A007, A008, A901, A903, A905, G212, G271, G372, G373, G365, G538, G539, G590, G591, G840, G841, G842, G843, G844, G845, G846, G847, G848, K005, K013, K017, A261, A262, A268, K267, K269, K119, K120 and a location code of office, home, or phone.

Physician who billed the greatest number of days of visits by the mother assigned as the primary care provider for the mother. Where there was a tie, the primary care provider who most recently saw the mother was assigned as the primary care provider.

SPECIFIC DEFINITION OF PRIMARY CARE CONCORDANCE

- 1) Concordant care: Maternal and child provider was the same, using above codes.
- 2) **Discordant** care, 2 family physicians: Maternal provider was one family doctor and child's provider was another family doctor using above codes.
- 3) **Discordant** care, 1 family physician, 1 **Pediatrician**: Maternal provider was a family doctor and child's provider was a **Pediatrician** using above codes.

SENSITIVE DEFINITION OF PRIMARY CARE CONCORDANCE

- 1) Concordant care: Mother and child had ANY primary care code billed by the same family physician at least once in the 42 to 365 days following the index birth date.

Appendix B

Codes used for mental health hospitalization or emergency department visit:

Any discharge diagnosis from the emergency department or hospital discharge record with the following diagnostic codes:

ICD-10-CA: F04 to F99, X60-X84, Y10-Y19, Y28

Appendix C:

Codes used for the maternal composite cardiovascular disease outcome, defined as any hospitalization from 42 to 730 days following index birth date, with any of the following diagnostic codes:		
Disease	ICD-10-CA diagnostic codes	ICD-10-CA procedural codes*
Coronary artery disease	I20, I21, I22, I24, I25.0, I25.1, I51.3, I51.6	1.IJ.76, 1IJ50, 1IJ57
Cerebrovascular disease	G46, I63.0-I66.9, I67	1JE57, 1JW57, 1JX57
Peripheral artery disease	I70.0, I70.2, I74	1JM76, 1JW76, 1JX76, 1KA76, 1KG57, 1KR76, 1KR87LA, 1KT76, 1ID76MU, 1KG76, 1KG87 1KE76
Cardiac dysrhythmia	I48, I47.2, I49.0, I47.2	--
Heart failure	I50	--