



Aggregate Data Request



Reproductive Care Program of Nova Scotia

Aggregate data request
Midwifery data
September, 2024

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Introduction

This report presents data from the Nova Scotia Atlee Perinatal Database (NSAPD).

- The NSAPD is a comprehensive, population-based database containing detailed clinical and demographic information dating back to 1988. Health information professionals collect this data on-site in Nova Scotia healthcare facilities using documentation forms, which serve as a source for health record coders to enter information into the NSAPD. These facilities then contribute the data to the NSAPD. The IWK Health Centre serves as the custodian of the NSAPD, while the Reproductive Care Program (RCP) manages the data within the database.
- The NSAPD includes data on all liveborn and stillborn infants with a gestational age of at least 20 weeks or a birth weight of at least 500 g.
- Previous versions of the NSAPD report are available on the RCP website in both ([PDF](#)), and ([HTML](#)) formats.
- This aggregated data request presents indicators at both the provincial level and by zone of maternal residence.

For the purposes of this report, a *midwifery client* is defined as a client who met at least two of the following three criteria: at least one prenatal visit, at least one postpartum visit, and a midwife present at birth, as either the first or second attendant.

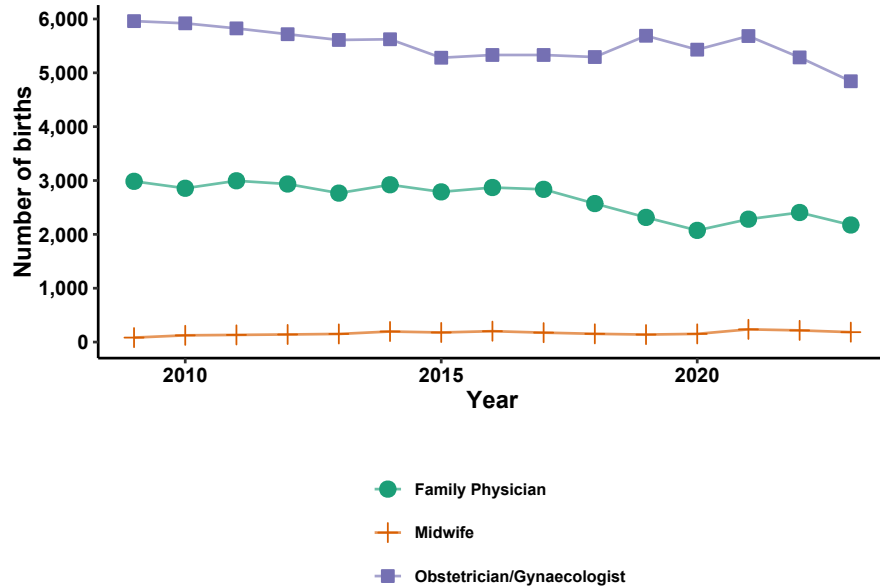
Cells with 1-4 occurrences are suppressed and noted as “< 5”.

Data for 2023 is incomplete.

1

Birth and Midwifery Counts

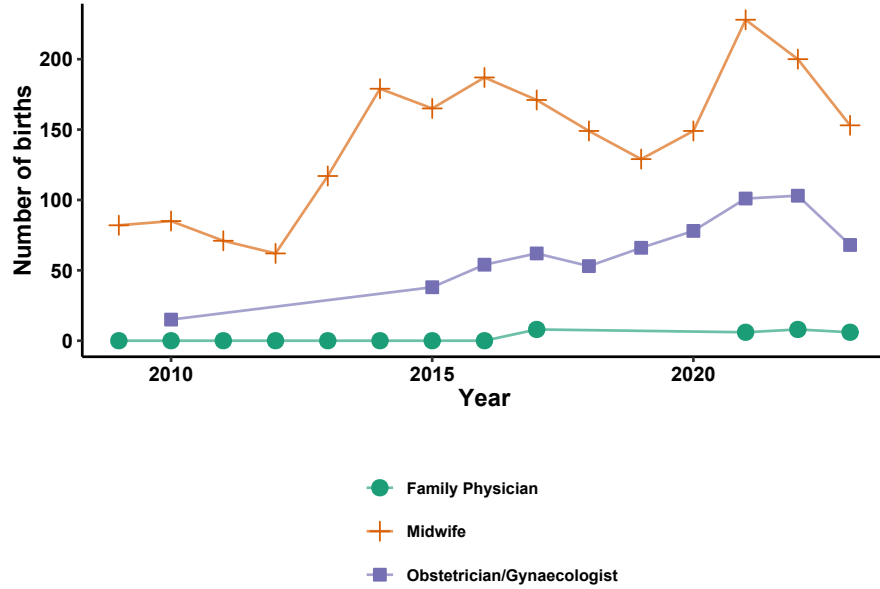
1.1 Number of births by delivery providers, Nova Scotia, 2009-2023



	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Total births	9,118	8,978	9,015	8,867	8,579	8,787	8,300	8,432	8,382	8,058	8,184	7,699	8,237	7,944	7,243
Obstetrician/Gynaecologist	5,960	5,919	5,825	5,717	5,610	5,623	5,280	5,331	5,333	5,293	5,688	5,432	5,683	5,286	4,843
Family Physician	2,985	2,856	2,995	2,935	2,766	2,921	2,789	2,870	2,836	2,572	2,315	2,074	2,282	2,406	2,174
Midwife	83	125	133	141	151	196	178	202	175	153	139	152	236	217	184

Note:
Data for 2023 is incomplete.

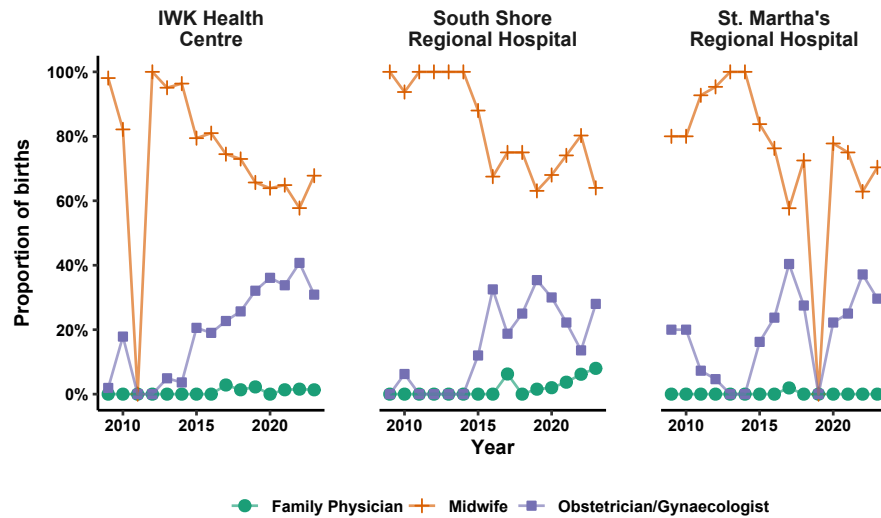
1.2 Number of births by delivery providers *among midwifery clients*, Nova Scotia, 2009-2023



	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Total births	86	100	75	65	120	183	204	244	243	204	199	229	335	311	228
Obstetrician/Gynaecologist	< 5	15	< 5	< 5	< 5	< 5	38	54	62	53	66	78	101	103	68
Family Physician	0	0	0	0	0	0	0	0	8	< 5	< 5	< 5	6	8	6
Midwife	82	85	71	62	117	179	165	187	171	149	129	149	228	200	153

Note:
 Midwifery client is defined as a client who met at least two of the following three criteria: at least one prenatal visit, at least one postpartum visit, and a midwife present at birth, as either the first or second attendant.
 Data for 2023 is incomplete.

1.3 Delivery providers by place of delivery *among midwifery clients*, Nova Scotia, 2009-2023



	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
IWK Health Centre															
Total births	52	28	0	6	61	110	142	144	142	148	134	170	222	194	150
Midwife	98.1%	82.1%	0%	83.3%	95.1%	96.4%	78.9%	79.9%	73.9%	73.0%	65.7%	63.5%	64.9%	57.7%	67.3%
Obstetrician/Gynaecologist	1.9%	17.9%	0%	0%	4.9%	3.6%	20.4%	18.8%	22.5%	25.7%	32.1%	35.9%	33.8%	40.7%	30.7%
Family Physician	0%	0%	0%	0%	0%	0%	0%	0%	2.8%	1.4%	2.2%	0%	1.4%	1.5%	1.3%
South Shore Regional Hospital															
Total births	19	32	20	14	35	29	25	40	48	16	65	50	81	81	50
Midwife	100.0%	93.8%	100.0%	100.0%	100.0%	100.0%	88.0%	67.5%	75.0%	75.0%	63.1%	68.0%	74.1%	80.2%	64.0%
Obstetrician/Gynaecologist	0%	6.2%	0%	0%	0%	0%	12.0%	32.5%	18.8%	25.0%	35.4%	28.0%	22.2%	13.6%	28.0%
Family Physician	0%	0%	0%	0%	0%	0%	0%	0%	6.2%	0%	1.5%	4.0%	3.7%	6.2%	8.0%
St. Martha's Regional Hospital															
Total births	15	40	55	43	24	44	37	60	53	40	0	9	32	35	27
Midwife	80.0%	80.0%	92.7%	95.3%	100.0%	100.0%	83.8%	75.0%	56.6%	72.5%	0%	77.8%	75.0%	62.9%	70.4%
Obstetrician/Gynaecologist	20.0%	20.0%	7.3%	4.7%	0%	0%	16.2%	23.3%	37.7%	27.5%	0%	22.2%	25.0%	37.1%	29.6%
Family Physician	0%	0%	0%	0%	0%	0%	0%	0%	3.8%	0%	0%	0%	0%	0%	0%

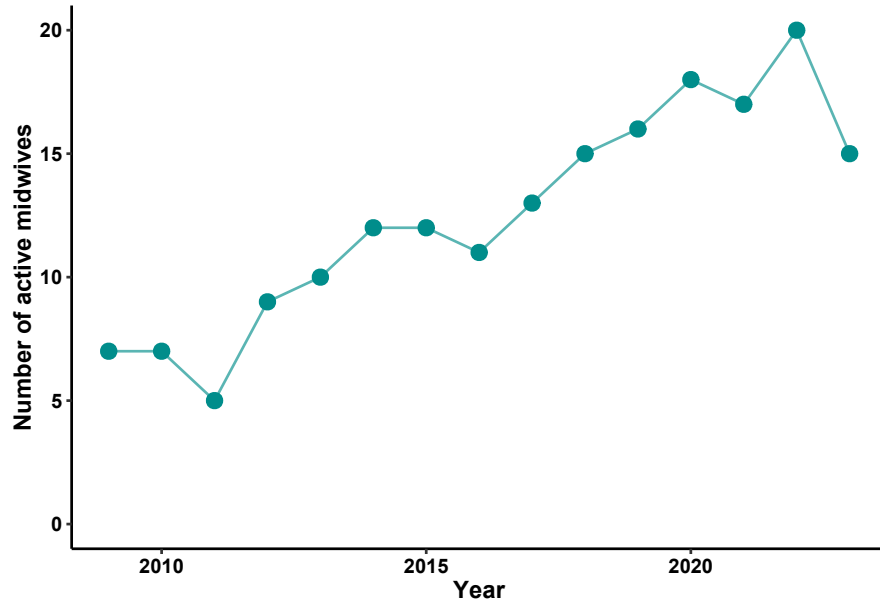
Note:

Midwifery client is defined as a client who met at least two of the following three criteria: at least one prenatal visit, at least one postpartum visit, and a midwife present at birth, as either the first or second attendant.

Place of delivery includes a range of birthing settings, covering hospital and home births.

Data for 2023 is incomplete.

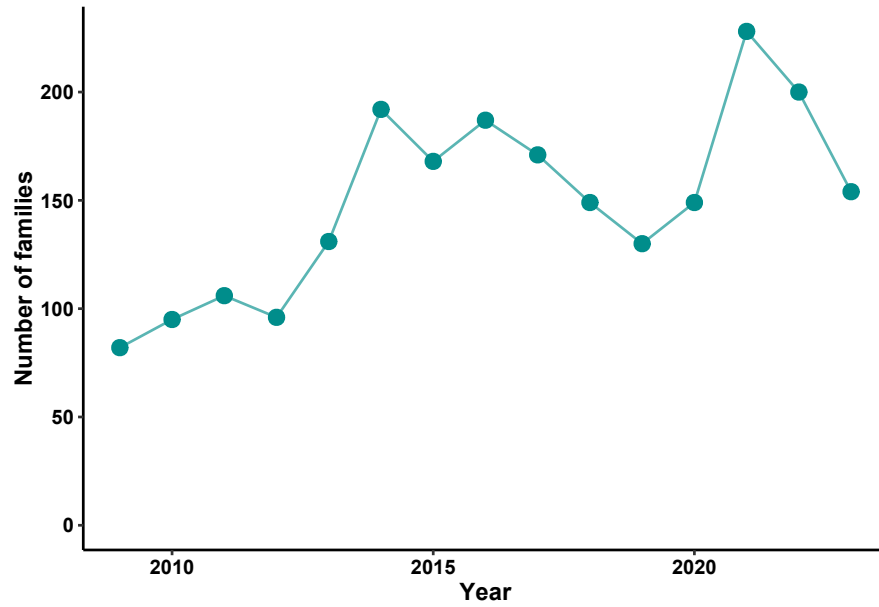
1.4 Number of active midwives, Nova Scotia, 2009-2023



	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Number of active midwives	7	7	5	9	10	12	12	11	13	15	16	18	17	20	15

Note:
 The number of providers reflects the maximum number of midwives in a given year, with some practicing in Nova Scotia for only part of the year.
 Data for 2023 is incomplete.

1.5 Number of families cared for by midwives, Nova Scotia, 2009-2023

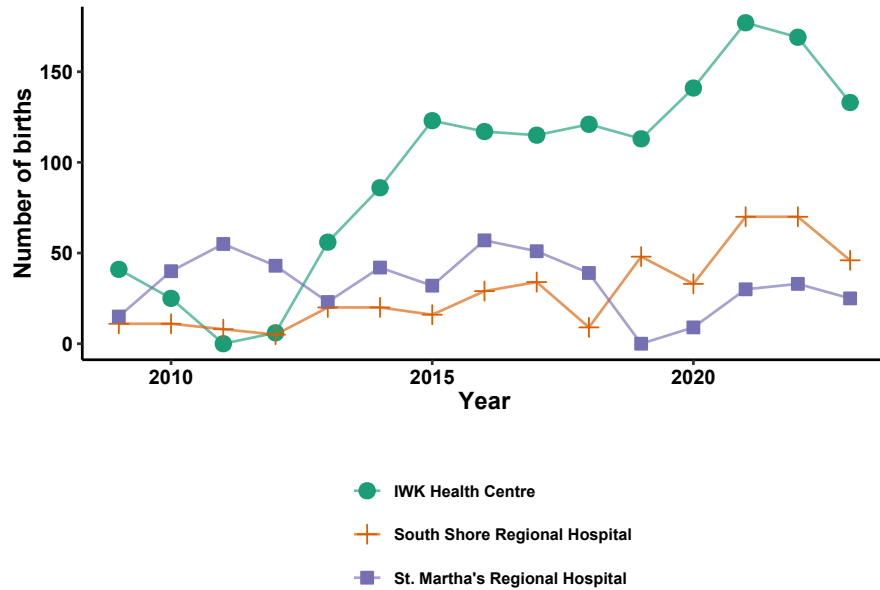


	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Number of families	82	95	106	96	131	192	168	187	171	149	130	149	228	200	154

Note:

Data for 2023 is incomplete.

1.6 Hospital delivery by location of birth *among midwifery clients*, Nova Scotia, 2009-2023



	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Total births ^a	67	76	63	54	99	148	171	203	200	169	161	183	277	272	204
South Shore Regional Hospital	11	11	8	5	20	20	16	29	34	9	48	33	70	70	46
St. Martha's Regional Hospital	15	40	55	43	23	42	32	57	51	39	0	9	30	33	25
IWK Health Centre	41	25	0	6	56	86	123	117	115	121	113	141	177	169	133

Note:
 Midwifery client is defined as a client who met at least two of the following three criteria: at least one prenatal visit, at least one postpartum visit, and a midwife present at birth, as either the first or second attendant.
 Data for 2023 is incomplete.

^a With known location of birth.

1.7 Home delivery by location of birth *among midwifery clients*, Nova Scotia, 2009-2023



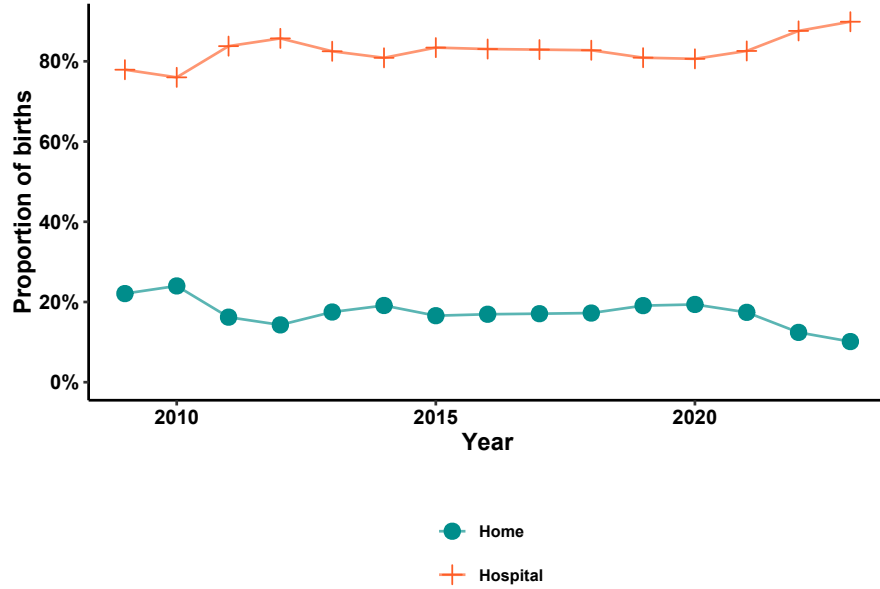
	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Total births	19	24	12	9	21	35	33	41	41	35	38	44	58	38	23
South Shore Regional Hospital	8	21	12	9	15	9	9	11	14	7	17	15	11	11	< 5
St. Martha's Regional Hospital	0	0	0	0	< 5	< 5	5	< 5	0	< 5	0	0	< 5	< 5	< 5
IWK Health Centre	11	< 5	0	0	5	24	19	27	27	27	21	29	45	25	17

Note:

Midwifery client is defined as a client who met at least two of the following three criteria: at least one prenatal visit, at least one postpartum visit, and a midwife present at birth, as either the first or second attendant.

Data for 2023 is incomplete.

1.8 Location of birth *among midwifery clients*: Home vs Hospital births, Nova Scotia, 2009-2023



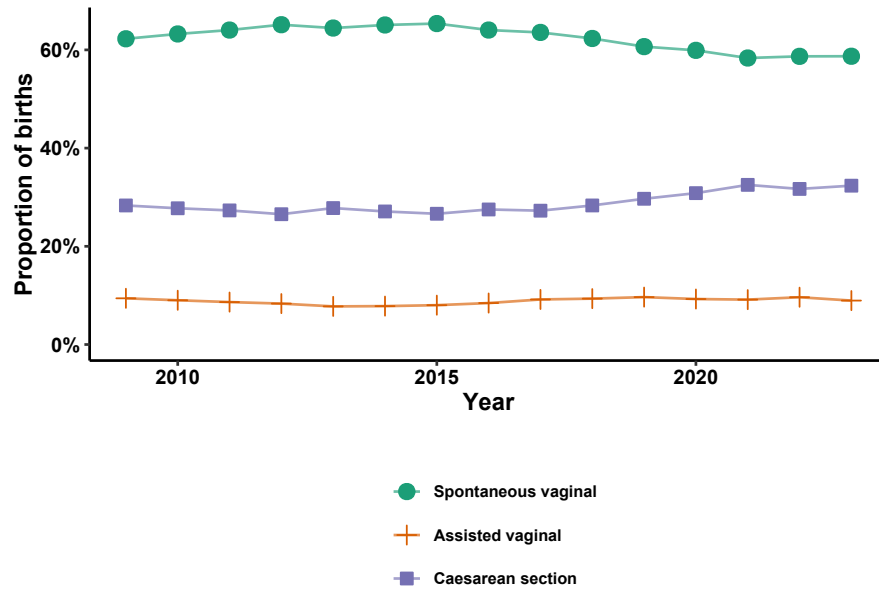
	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Total births ^a	86	100	74	63	120	183	199	242	240	203	199	227	333	306	227
Home	22.1%	24.0%	16.2%	14.3%	17.5%	19.1%	16.6%	16.9%	17.1%	17.2%	19.1%	19.4%	17.4%	12.4%	10.1%
Hospital	77.9%	76.0%	83.8%	85.7%	82.5%	80.9%	83.4%	83.1%	82.9%	82.8%	80.9%	80.6%	82.6%	87.6%	89.9%

Note:

Midwifery client is defined as a client who met at least two of the following three criteria: at least one prenatal visit, at least one postpartum visit, and a midwife present at birth, as either the first or second attendant.

Data for 2023 is incomplete.
^a With known location of birth.

1.9 Type of delivery, Nova Scotia, 2009-2023



	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Total births ^a	9,117	8,978	9,014	8,867	8,579	8,786	8,300	8,431	8,379	8,057	8,184	7,697	8,237	7,944	7,243
Spontaneous vaginal	62.3%	63.2%	64.0%	65.1%	64.4%	65.1%	65.4%	64.0%	63.6%	62.3%	60.7%	59.9%	58.3%	58.7%	58.7%
Assisted vaginal	9.4%	9.0%	8.6%	8.3%	7.8%	7.8%	8.0%	8.4%	9.2%	9.3%	9.7%	9.3%	9.1%	9.6%	8.9%
Caesarean section	28.3%	27.7%	27.3%	26.5%	27.8%	27.1%	26.6%	27.5%	27.3%	28.3%	29.7%	30.8%	32.5%	31.7%	32.3%

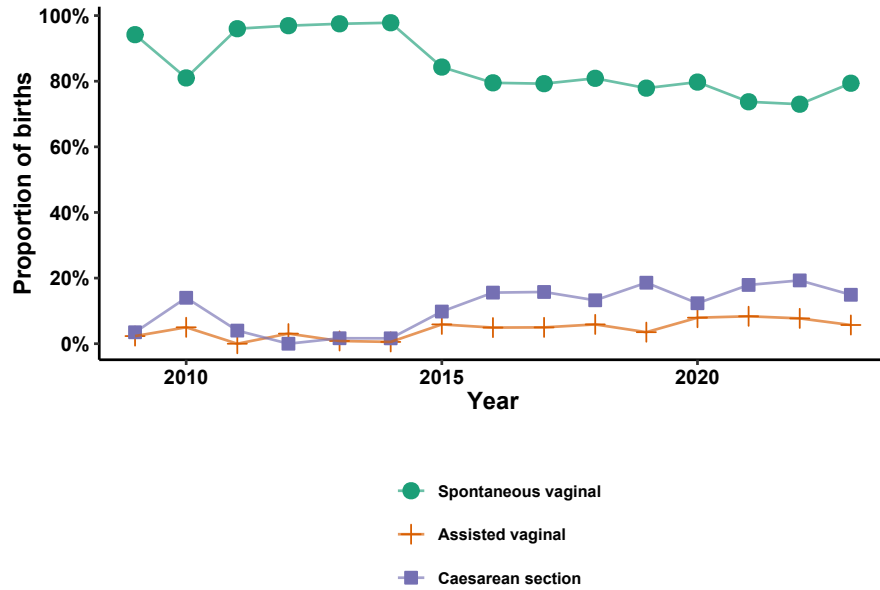
Note:

It includes all birthing individuals, regardless of risk.

Data for 2023 is incomplete.

^a With known delivery method.

1.10 Type of delivery among midwifery clients, Nova Scotia, 2009-2023



	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Total births ^a	86	100	75	65	120	183	204	244	241	204	199	227	335	311	228
Spontaneous vaginal	94.2%	81.0%	96.0%	96.9%	97.5%	97.8%	84.3%	79.5%	79.3%	80.9%	77.9%	79.7%	73.7%	73.0%	79.4%
Assisted vaginal	2.3%	5.0%	0%	3.1%	0.8%	0.5%	5.9%	4.9%	5.0%	5.9%	3.5%	7.9%	8.4%	7.7%	5.7%
Caesarean section	3.5%	14.0%	4.0%	0%	1.7%	1.6%	9.8%	15.6%	15.8%	13.2%	18.6%	12.3%	17.9%	19.3%	14.9%

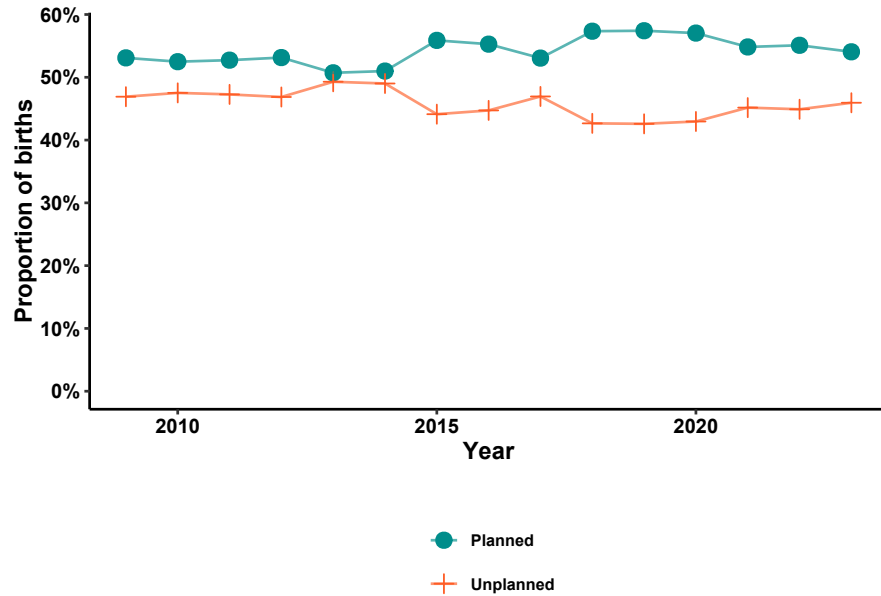
Note:

Midwifery client is defined as a client who met at least two of the following three criteria: at least one prenatal visit, at least one postpartum visit, and a midwife present at birth, as either the first or second attendant.

Data for 2023 is incomplete.

^a With known delivery method.

1.11 Caesarean delivery: Planned vs Unplanned C-sections, Nova Scotia, 2009-2023



	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Total births ^a	1,989	2,475	2,456	2,341	2,380	2,373	2,203	2,312	2,275	2,262	2,421	2,372	2,670	2,512	2,329
Unplanned	46.9%	47.5%	47.3%	46.9%	49.3%	49.0%	44.1%	44.7%	46.9%	42.7%	42.6%	43.0%	45.2%	44.9%	45.9%
Planned	53.1%	52.5%	52.7%	53.1%	50.7%	51.0%	55.9%	55.3%	53.1%	57.3%	57.4%	57.0%	54.8%	55.1%	54.1%

Note:

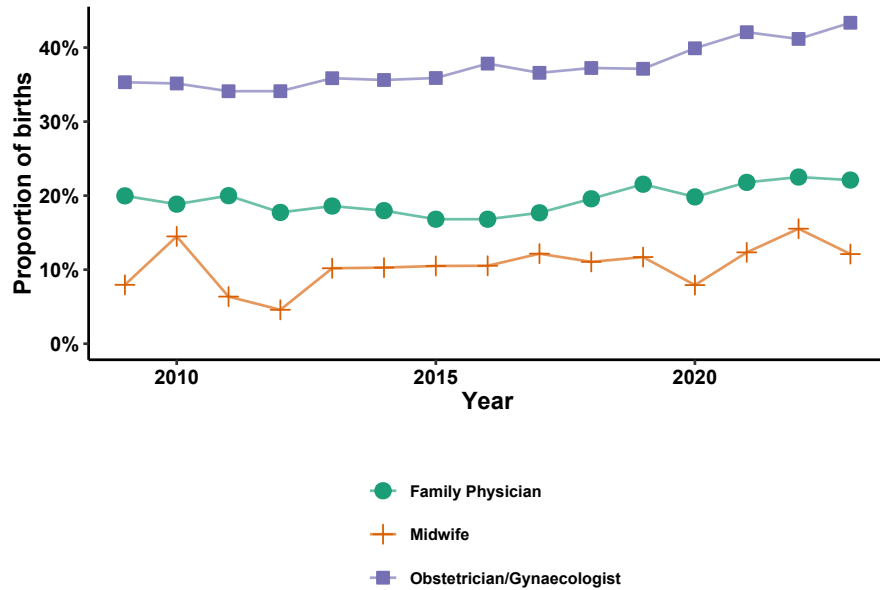
Unplanned - Caesarean delivery required due to an emergency situation posing a threat to the maternal or fetal health. Patient may or may not be in labour. Includes planned, indicated C-section where mom presents prior to scheduled date in labour.

Planned - Caesarean delivery where the decision is made prior to the onset of labour. Excludes a change in plans due to emergency situation.

Data for 2023 is incomplete.

^a With known C-section status.

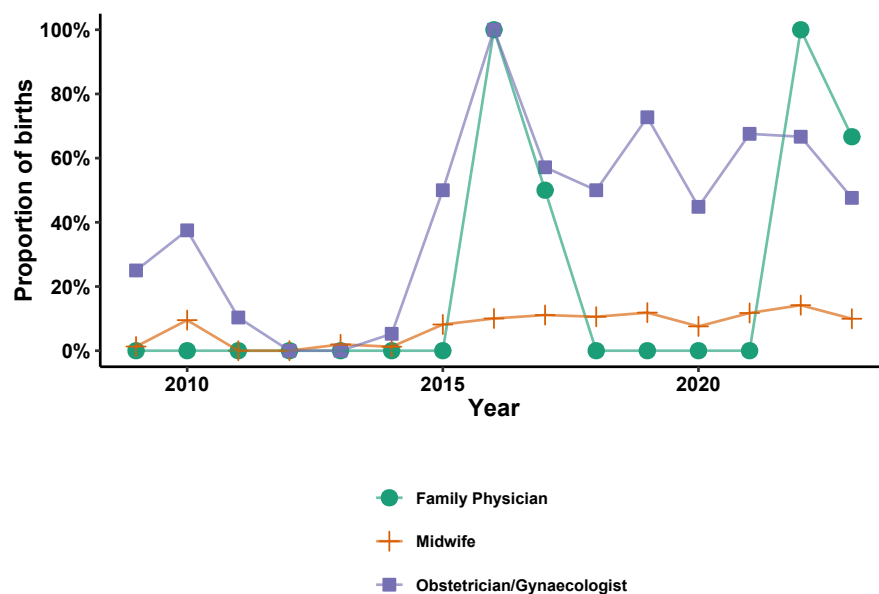
1.12 Caesarean section rate by mother’s care provider while in hospital, Nova Scotia, 2009-2023



	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Midwife															
Total births ^a	88	138	110	131	157	214	219	247	222	199	188	202	308	309	256
C-section	8.0%	14.5%	6.4%	4.6%	10.2%	10.3%	10.5%	10.5%	12.2%	11.1%	11.7%	7.9%	12.3%	15.5%	12.1%
Obstetrician/Gynaecologist															
Total births ^a	4,890	4,865	4,756	4,805	4,601	4,590	4,333	4,364	4,313	4,087	4,387	4,338	4,499	4,018	3,617
C-section	35.3%	35.1%	34.1%	34.1%	35.9%	35.6%	35.9%	37.8%	36.6%	37.2%	37.1%	39.9%	42.1%	41.2%	43.4%
Family Physician															
Total births ^a	4,071	3,921	4,101	3,885	3,792	3,956	3,741	3,818	3,840	3,770	3,607	3,157	3,428	3,616	3,366
C-section	20.0%	18.8%	20.0%	17.7%	18.6%	18.0%	16.8%	16.8%	17.7%	19.6%	21.5%	19.8%	21.8%	22.5%	22.1%

Note:
 It includes all birthing individuals, regardless of risk.
 Data for 2023 is incomplete.
^a With known C-section delivery.

1.13 Caesarean delivery by mother's care provider while in hospital *among midwifery clients*, Nova Scotia, 2009-2023



	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Midwife															
Total births ^a	77	84	0	0	102	162	196	229	216	189	177	198	298	282	201
C-section	1.3%	9.5%	0%	0%	2.0%	1.2%	8.2%	10.0%	11.1%	10.6%	11.9%	7.6%	11.7%	14.2%	10.0%
Obstetrician/Gynaecologist															
Total births ^a	8	16	29	0	0	19	8	14	21	14	22	29	37	27	21
C-section	25.0%	37.5%	10.3%	0%	0%	5.3%	50.0%	100.0%	57.1%	50.0%	72.7%	44.8%	67.6%	66.7%	47.6%
Family Physician															
Total births ^a	0	0	0	0	0	0	0	< 5	< 5	0	0	0	0	< 5	6
C-section	0%	0%	0%	0%	0%	0%	0%	100.0%	50.0%	0%	0%	0%	0%	100.0%	66.7%

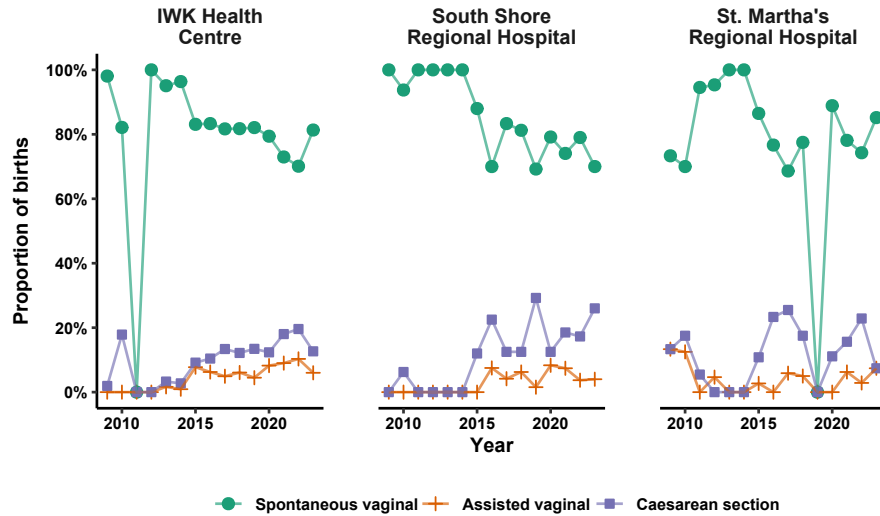
Note:

Midwifery client is defined as a client who met at least two of the following three criteria: at least one prenatal visit, at least one postpartum visit, and a midwife present at birth, as either the first or second attendant.

Data for 2023 is incomplete.

^a With known C-section delivery.

1.14 Type of delivery among midwifery clients by place of delivery, Nova Scotia, 2009-2023



	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
South Shore Regional Hospital															
Total births ^a	19	32	20	14	35	29	25	40	48	16	65	48	81	81	50
Spontaneous vaginal	100.0%	93.8%	100.0%	100.0%	100.0%	100.0%	88.0%	70.0%	83.3%	81.2%	69.2%	79.2%	74.1%	79.0%	70.0%
Assisted vaginal	0%	0%	0%	0%	0%	0%	0%	7.5%	4.2%	6.2%	1.5%	8.3%	7.4%	3.7%	4.0%
Caesarean section	0%	6.2%	0%	0%	0%	0%	12.0%	22.5%	12.5%	12.5%	29.2%	12.5%	18.5%	17.3%	26.0%
St. Martha's Regional Hospital															
Total births ^a	15	40	55	43	24	44	37	60	51	40	0	9	32	35	27
Spontaneous vaginal	73.3%	70.0%	94.5%	95.3%	100.0%	100.0%	86.5%	76.7%	68.6%	77.5%	0%	88.9%	78.1%	74.3%	85.2%
Assisted vaginal	13.3%	12.5%	0%	4.7%	0%	0%	2.7%	0%	5.9%	5.0%	0%	0%	6.2%	2.9%	7.4%
Caesarean section	13.3%	17.5%	5.5%	0%	0%	0%	10.8%	23.3%	25.5%	17.5%	0%	11.1%	15.6%	22.9%	7.4%
IWK Health Centre															
Total births ^a	52	28	0	6	61	110	142	144	142	148	134	170	222	194	150
Spontaneous vaginal	98.1%	82.1%	0%	100.0%	95.1%	96.4%	83.1%	83.3%	81.7%	81.8%	82.1%	79.4%	73.0%	70.1%	81.3%
Assisted vaginal	0%	0%	0%	0%	1.6%	0.9%	7.7%	6.2%	4.9%	6.1%	4.5%	8.2%	9.0%	10.3%	6.0%
Caesarean section	1.9%	17.9%	0%	0%	3.3%	2.7%	9.2%	10.4%	13.4%	12.2%	13.4%	12.4%	18.0%	19.6%	12.7%

Note:

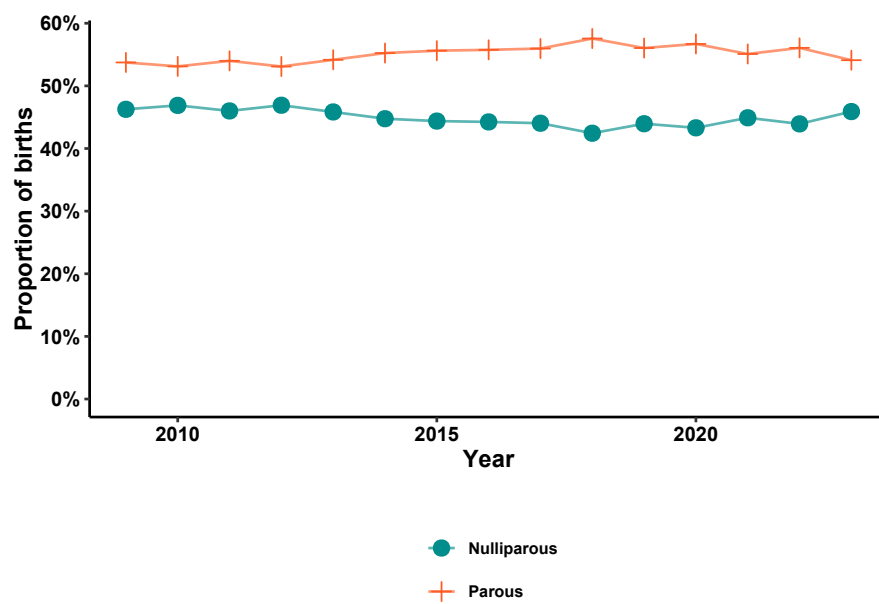
Midwifery client is defined as a client who met at least two of the following three criteria: at least one prenatal visit, at least one postpartum visit, and a midwife present at birth, as either the first or second attendant.

Place of delivery includes a range of birthing settings, covering hospital and home births.

Data for 2023 is incomplete.

^a With known delivery method.

1.15 Maternal parity, Nova Scotia, 2009-2023

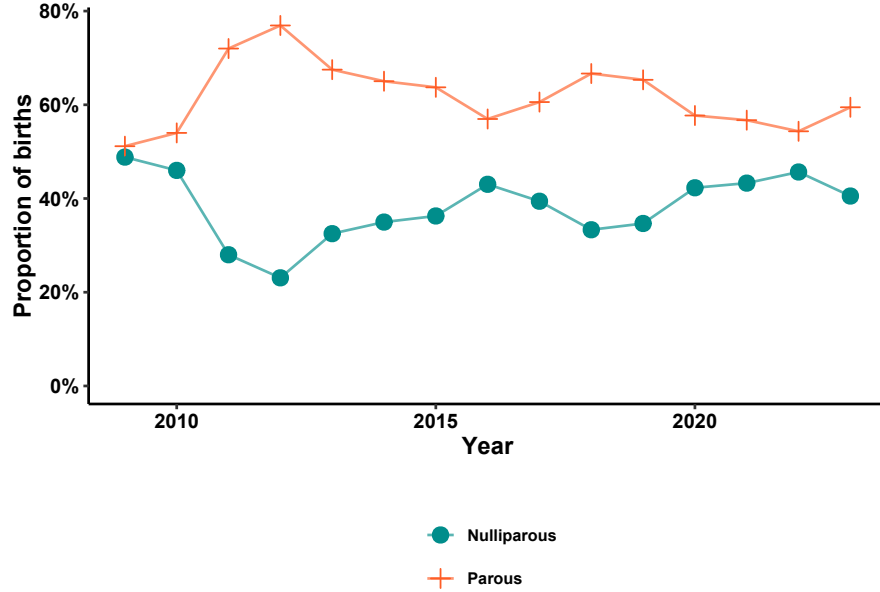


	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Total births ^a	9,116	8,977	9,015	8,866	8,576	8,787	8,299	8,430	8,379	8,056	8,183	7,697	8,237	7,944	7,227
Nulliparous	46.3%	46.9%	46.0%	46.9%	45.8%	44.8%	44.4%	44.2%	44.0%	42.4%	44.0%	43.3%	44.9%	43.9%	45.9%
Parous	53.7%	53.1%	54.0%	53.1%	54.2%	55.2%	55.6%	55.8%	56.0%	57.6%	56.0%	56.7%	55.1%	56.1%	54.1%

^a With known parity status.

^b Data for 2023 is incomplete.

1.16 Maternal parity among midwifery clients, Nova Scotia, 2009-2023



	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Total births ^a	86	100	75	65	120	183	204	244	241	204	199	227	335	311	227
Nulliparous	48.8%	46.0%	28.0%	23.1%	32.5%	35.0%	36.3%	43.0%	39.4%	33.3%	34.7%	42.3%	43.3%	45.7%	40.5%
Parous	51.2%	54.0%	72.0%	76.9%	67.5%	65.0%	63.7%	57.0%	60.6%	66.7%	65.3%	57.7%	56.7%	54.3%	59.5%

Note:
Midwifery client is defined as a client who met at least two of the following three criteria: at least one prenatal visit, at least one postpartum visit, and a midwife present at birth, as either the first or second attendant.

Data for 2023 is incomplete.

^a With known parity status.

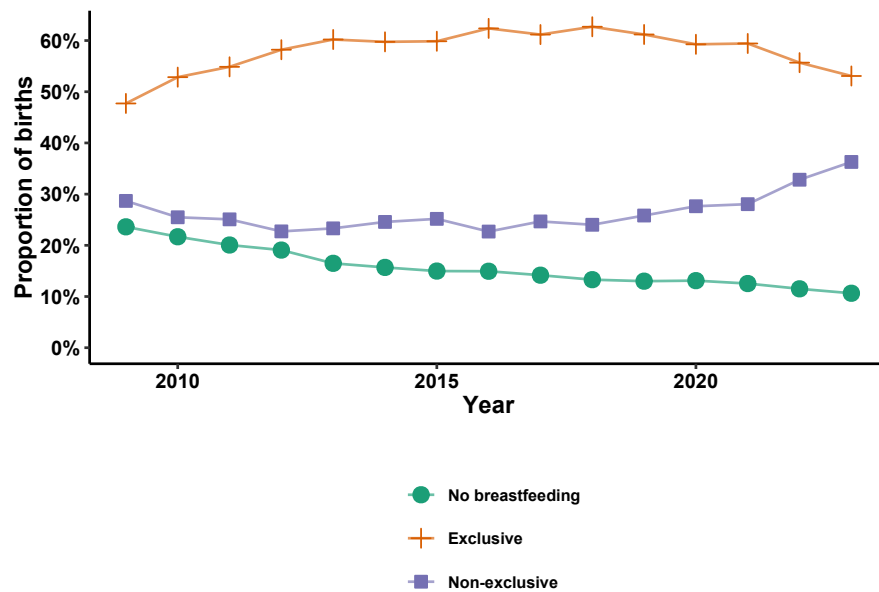
1.17 Anesthesia consults because of BMI among midwifery clients, Nova Scotia, 2009-2023

	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total
Total pre-natal consults	813	979	557	475	1,189	1,834	2,349	2,750	2,654	2,178	2,089	1,985	3,171	3,054	2,395	28,472
BMI anesthesia consults	0	0	0	0	0	0	< 5	0	0	< 5	< 5	0	0	< 5	0	6

Note:
Midwifery client is defined as a client who met at least two of the following three criteria: at least one prenatal visit, at least one postpartum visit, and a midwife present at birth, as either the first or second attendant.

Data for 2023 is incomplete.

1.18 Breastfeeding status during hospital stay, Nova Scotia, 2009-2023



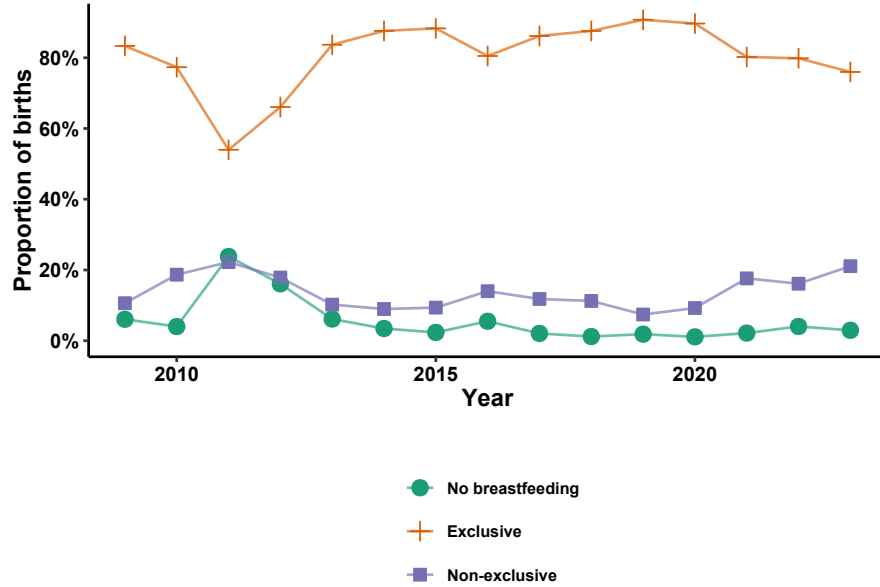
	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Total births ^a	9,026	8,860	8,903	8,767	8,489	8,684	8,222	8,349	8,287	7,972	8,086	7,600	8,132	7,879	7,158
No breastfeeding	23.6%	21.6%	20.0%	19.0%	16.4%	15.6%	14.9%	14.9%	14.1%	13.2%	12.9%	13.0%	12.4%	11.4%	10.6%
Exclusive	47.8%	53.0%	55.0%	58.3%	60.3%	59.9%	60.0%	62.5%	61.4%	62.9%	61.3%	59.5%	59.7%	55.9%	53.2%
Non-exclusive	28.6%	25.4%	25.0%	22.7%	23.2%	24.5%	25.1%	22.6%	24.5%	23.9%	25.7%	27.5%	27.8%	32.7%	36.2%

Note:

Data for 2023 is incomplete.

^a With known breastfeeding status.

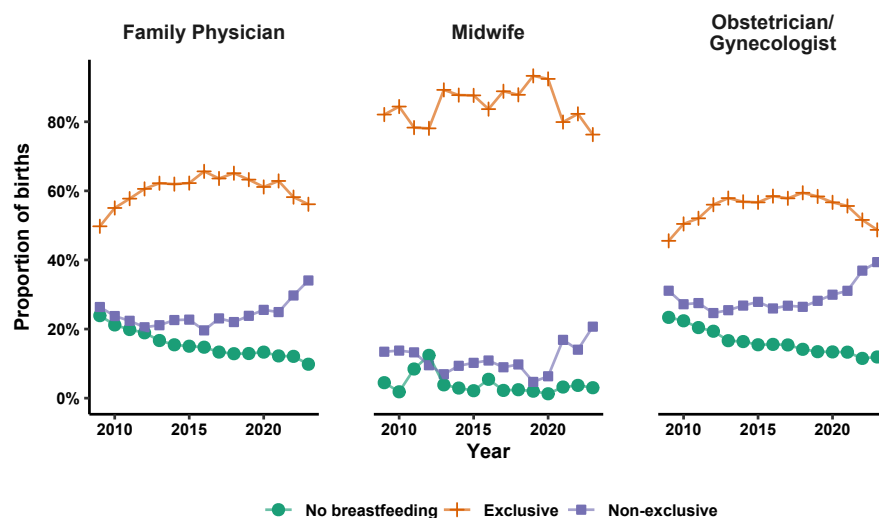
1.19 Breastfeeding status during hospital stay *among midwifery clients*, Nova Scotia, 2009-2023



	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Total births ^a	85	100	75	65	120	183	204	244	238	204	201	229	337	311	227
No breastfeeding	5.9%	4.0%	26.7%	16.9%	7.5%	4.9%	2.5%	6.6%	2.5%	2.0%	3.0%	1.3%	3.3%	5.8%	4.4%
Exclusive	89.4%	93.0%	72.0%	73.8%	89.2%	92.3%	94.6%	88.1%	91.6%	90.2%	93.0%	95.2%	86.9%	86.8%	84.6%
Non-exclusive	4.7%	3.0%	1.3%	9.2%	3.3%	2.7%	2.9%	5.3%	5.9%	7.8%	4.0%	3.5%	9.8%	7.4%	11.0%

Note:
 Data for 2023 is incomplete.
^a With known breastfeeding status.

1.20 Breastfeeding status by mother's care provider while in hospital, Nova Scotia, 2009-2023



	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Family Physician															
Total births ^a	4,049	3,893	4,078	3,860	3,771	3,937	3,719	3,798	3,817	3,746	3,584	3,123	3,404	3,597	3,341
No breastfeeding	23.9%	21.2%	19.9%	18.9%	16.7%	15.4%	15.0%	14.7%	13.3%	12.9%	12.9%	13.3%	12.2%	12.1%	9.8%
Exclusive	49.7%	55.0%	57.7%	60.6%	62.2%	62.0%	62.2%	65.6%	63.6%	65.1%	63.3%	61.1%	62.9%	58.2%	56.1%
Non-exclusive	26.4%	23.8%	22.4%	20.5%	21.1%	22.6%	22.7%	19.6%	23.1%	22.0%	23.8%	25.6%	24.9%	29.7%	34.1%
Obstetrician/Gynecologist															
Total births ^a	4,825	4,777	4,670	4,730	4,534	4,514	4,277	4,306	4,246	4,026	4,313	4,276	4,419	3,972	3,558
No breastfeeding	23.4%	22.4%	20.4%	19.4%	16.6%	16.4%	15.5%	15.6%	15.4%	14.1%	13.4%	13.4%	13.3%	11.5%	11.9%
Exclusive	45.5%	50.5%	52.1%	56.0%	57.9%	56.8%	56.7%	58.5%	57.8%	59.4%	58.4%	56.7%	55.6%	51.6%	48.7%
Non-exclusive	31.1%	27.2%	27.5%	24.6%	25.5%	26.8%	27.9%	26.0%	26.8%	26.4%	28.2%	29.9%	31.1%	36.9%	39.4%
Midwife															
Total births ^a	85	136	108	131	155	208	219	243	220	199	187	201	307	309	255
No breastfeeding	3.5%	2.2%	6.5%	9.9%	3.2%	2.4%	1.8%	4.9%	1.8%	2.0%	2.1%	1.0%	2.6%	3.2%	3.1%
Exclusive	85.9%	86.8%	83.3%	82.4%	91.0%	88.9%	88.6%	86.0%	90.9%	89.9%	93.6%	94.0%	83.7%	84.5%	78.0%
Non-exclusive	10.6%	11.0%	10.2%	7.6%	5.8%	8.7%	9.6%	9.1%	7.3%	8.0%	4.3%	5.0%	13.7%	12.3%	18.8%

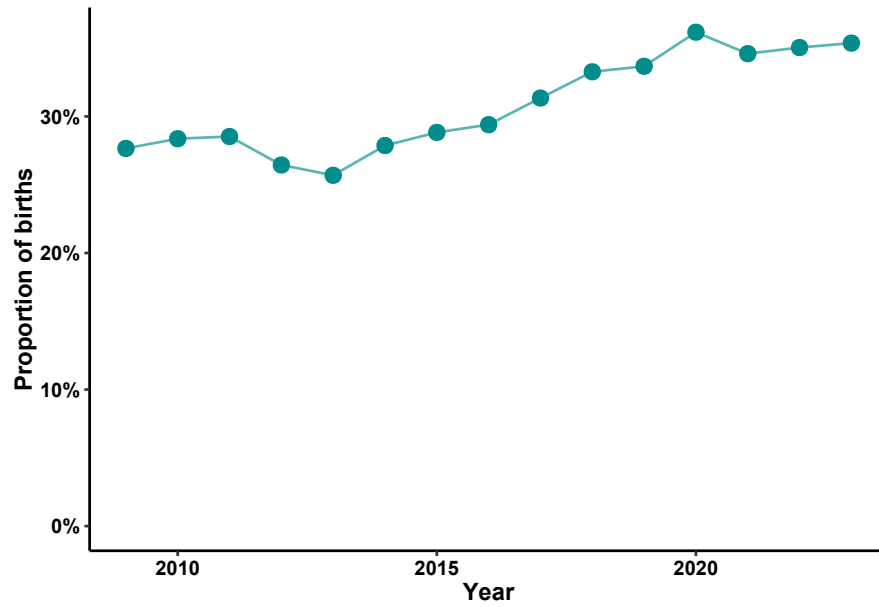
Note:

Midwifery client is defined as a client who met at least two of the following three criteria: at least one prenatal visit, at least one postpartum visit, and a midwife present at birth, as either the first or second attendant.

Data for 2023 is incomplete.

^a With known breastfeeding status.

1.21 Labour induction, Nova Scotia, 2009-2023



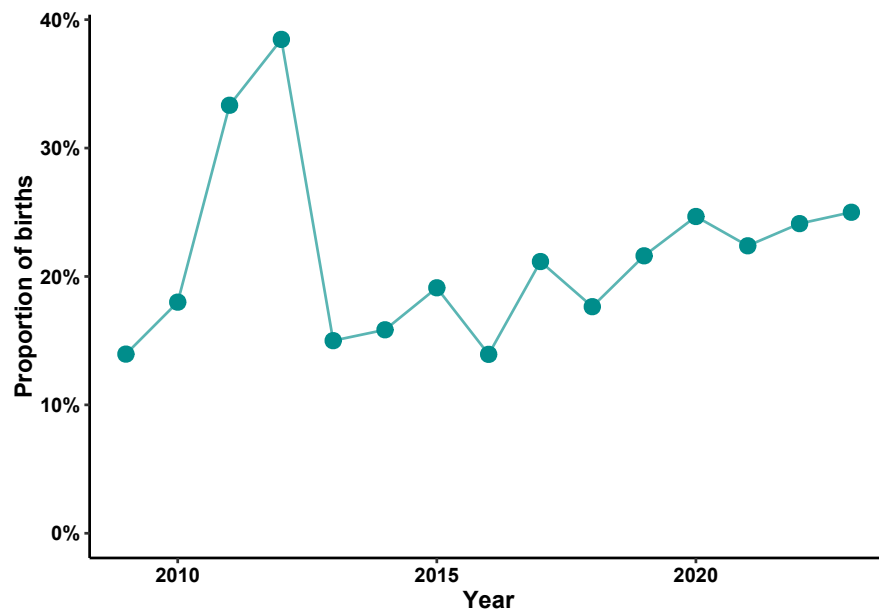
	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Total births ^a	9,118	8,978	9,015	8,867	8,579	8,787	8,300	8,432	8,380	8,058	8,184	7,697	8,237	7,944	7,243
Induction attempted	27.7%	28.4%	28.5%	26.4%	25.7%	27.9%	28.8%	29.4%	31.3%	33.3%	33.7%	36.2%	34.6%	35.0%	35.4%

Note:

Data for 2023 is incomplete.

^a With known labour induction status/initiation.

1.22 Labour induction *among midwifery clients*, Nova Scotia, 2009-2023



	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Total births ^a	86	100	75	65	120	183	204	244	241	204	199	227	335	311	228
Induction attempted	14.0%	18.0%	33.3%	38.5%	15.0%	15.8%	19.1%	13.9%	21.2%	17.6%	21.6%	24.7%	22.4%	24.1%	25.0%

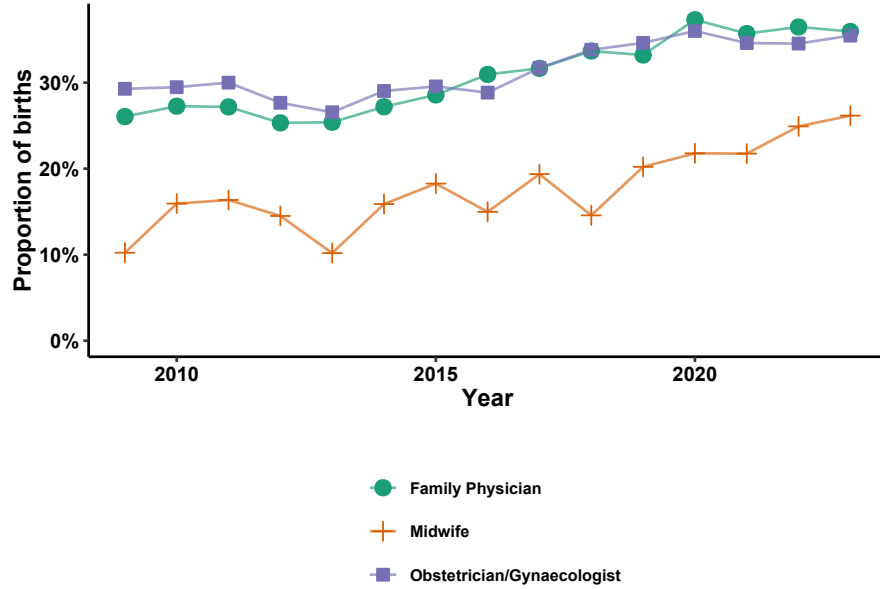
Note:

Midwifery client is defined as a client who met at least two of the following three criteria: at least one prenatal visit, at least one postpartum visit, and a midwife present at birth, as either the first or second attendant.

Data for 2023 is incomplete.

^a With known labour induction status/initiation.

1.23 Labour induction by mother’s care provider while in hospital, Nova Scotia, 2009-2023



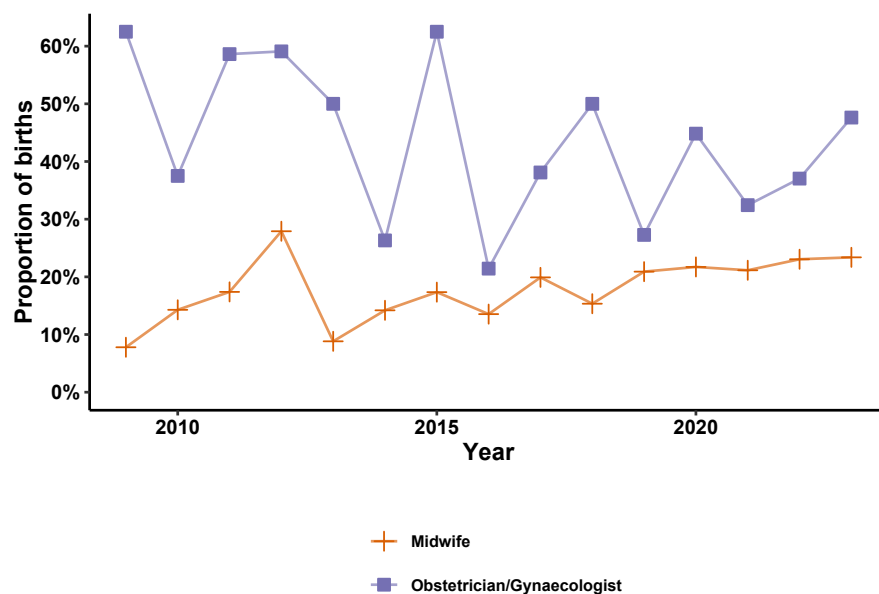
	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Midwife															
Total births ^a	88	138	110	131	157	214	219	247	222	199	188	202	308	309	256
Induction attempted	10.2%	15.9%	16.4%	14.5%	10.2%	15.9%	18.3%	15.0%	19.4%	14.6%	20.2%	21.8%	21.8%	24.9%	26.2%
Obstetrician/Gynaecologist															
Total births ^a	4,890	4,865	4,756	4,805	4,601	4,591	4,333	4,365	4,314	4,087	4,387	4,338	4,499	4,018	3,617
Induction attempted	29.3%	29.5%	30.0%	27.7%	26.6%	29.0%	29.6%	28.8%	31.7%	33.8%	34.6%	36.0%	34.6%	34.5%	35.5%
Family Physician															
Total births ^a	4,072	3,921	4,102	3,885	3,792	3,956	3,741	3,818	3,840	3,771	3,607	3,157	3,428	3,616	3,366
Induction attempted	26.1%	27.3%	27.2%	25.3%	25.4%	27.2%	28.6%	31.0%	31.7%	33.7%	33.2%	37.3%	35.7%	36.5%	35.9%

Note:

Data for 2023 is incomplete.

^a With known labour induction status/initiation and mother’s care provider while in hospital.

1.24 Labour induction by mother's care provider while in hospital *among midwifery clients*, Nova Scotia, 2009-2023



	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Midwife															
Total births ^a	77	84	46	43	102	162	196	229	216	189	177	198	298	282	201
Induction attempted	7.8%	14.3%	17.4%	27.9%	8.8%	14.2%	17.3%	13.5%	19.9%	15.3%	20.9%	21.7%	21.1%	23.0%	23.4%
Obstetrician/Gynaecologist															
Total births ^a	8	16	29	22	18	19	8	14	21	14	22	29	37	27	21
Induction attempted	62.5%	37.5%	58.6%	59.1%	50.0%	26.3%	62.5%	21.4%	38.1%	50.0%	27.3%	44.8%	32.4%	37.0%	47.6%
Family Physician															
Total births ^a	0	0	0	0	0	0	0	< 5	< 5	< 5	0	0	0	< 5	6
Induction attempted	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

Note:

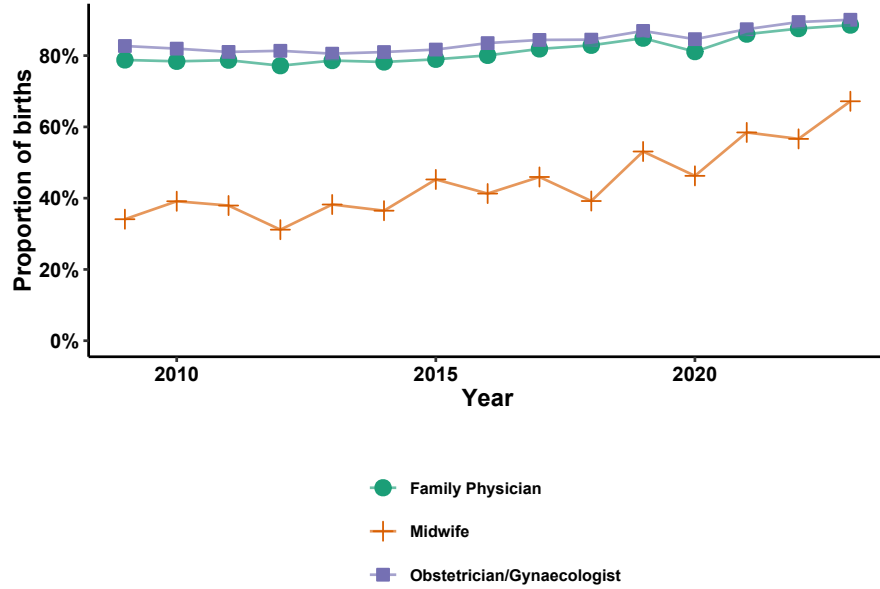
Midwifery client is defined as a client who met at least two of the following three criteria: at least one prenatal visit, at least one postpartum visit, and a midwife present at birth, as either the first or second attendant.

Includes all risk levels

Data for 2023 is incomplete.

^a With known labour induction status/initiation and mother's care provider while in hospital.

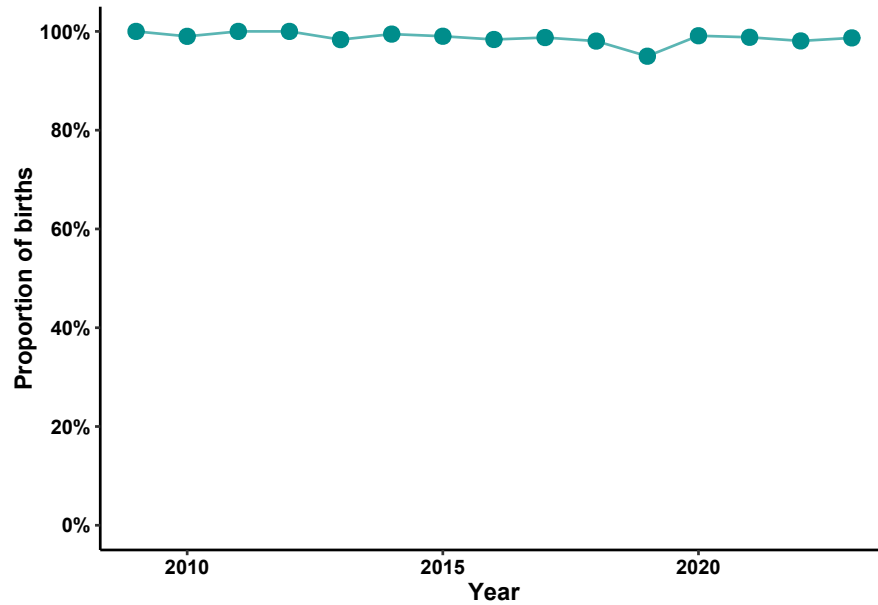
1.25 Regional anaesthesia usage by mother’s care provider while in hospital, Nova Scotia, 2009-2023



	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Family Physician															
Total births ^a	4,072	3,921	4,102	3,885	3,792	3,956	3,741	3,818	3,840	3,771	3,607	3,157	3,428	3,616	3,366
Regional anaesthesia usage	78.8%	78.4%	78.7%	77.2%	78.6%	78.2%	79.0%	80.1%	81.9%	82.9%	84.9%	81.1%	86.0%	87.6%	88.6%
Obstetrician/Gynaecologist															
Total births	4,890	4,867	4,756	4,805	4,601	4,591	4,333	4,379	4,322	4,093	4,399	4,356	4,511	4,018	3,623
Regional anaesthesia usage	82.7%	82.0%	81.0%	81.4%	80.5%	81.0%	81.7%	83.5%	84.4%	84.5%	86.9%	84.6%	87.4%	89.4%	90.1%
Midwife															
Total births	88	138	116	138	157	222	221	247	222	199	194	214	308	309	256
Regional anaesthesia usage	34.1%	39.1%	37.9%	31.2%	38.2%	36.5%	45.2%	41.3%	45.9%	39.2%	53.1%	46.3%	58.4%	56.6%	67.2%

Note:
 Data for 2023 is incomplete.
^a Regional anaesthesia - includes epidural, spinal, double needle.

1.26 Unmedicated labour *among midwifery clients*, Nova Scotia, 2009-2023



	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Total births ^a	86	100	75	65	120	183	204	244	241	204	199	227	335	311	228
Unmedicated labour	100.0%	99.0%	100.0%	100.0%	98.3%	99.5%	99.0%	98.4%	98.8%	98.0%	95.0%	99.1%	98.8%	98.1%	98.7%

Note:

A labour is considered unmedicated if no analgesia, anaesthesia, or regional anaesthesia was used.

Regional anaesthesia - includes epidural, spinal, double needle.

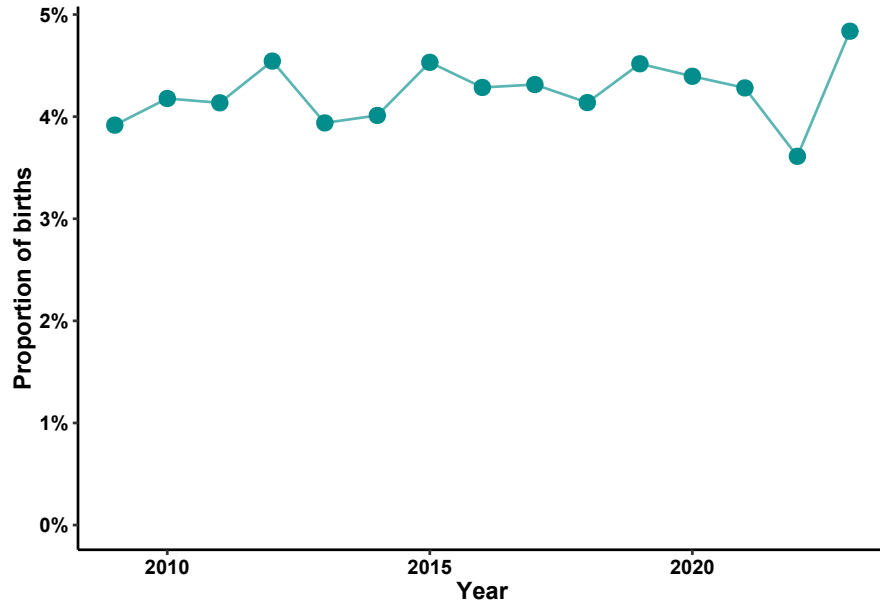
Midwifery client is defined as a client who met at least two of the following three criteria: at least one prenatal visit, at least one postpartum visit, and a midwife present at birth, as either the first or second attendant.

Home deliveries include Midwife Delivery at Home and Planned/Unplanned Home Births

Data for 2023 is incomplete.

^a Home deliveries are included.

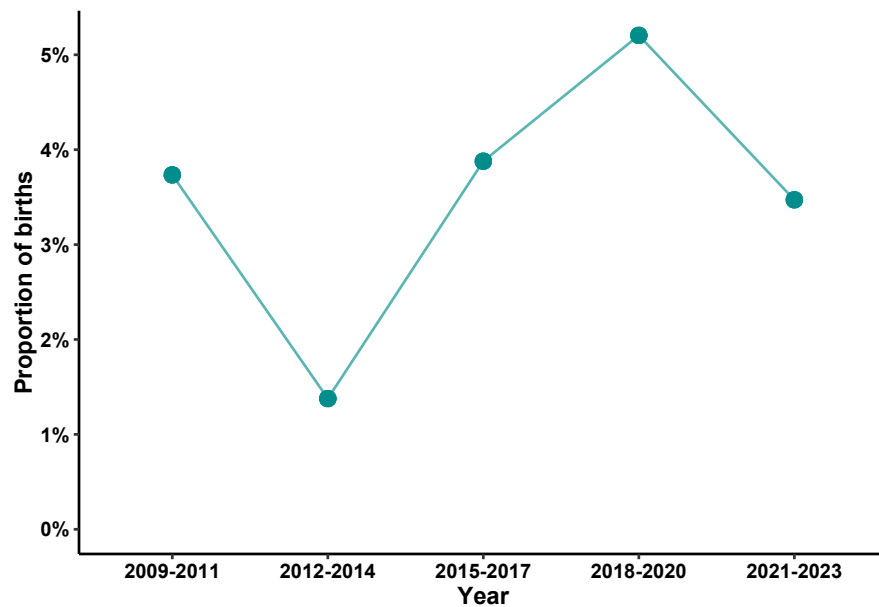
1.27 3rd and 4th degree laceration, Nova Scotia, 2009-2023



	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Total births ^a	6,536	6,487	6,553	6,514	6,195	6,406	6,090	6,113	6,096	5,776	5,755	5,324	5,559	5,427	4,900
3 rd or 4 th degree laceration	3.9%	4.2%	4.1%	4.5%	3.9%	4.0%	4.5%	4.3%	4.3%	4.1%	4.5%	4.4%	4.3%	3.6%	4.8%

Note:
 Data for 2023 is incomplete.
^a Vaginal deliveries only.

1.28 3rd and 4th degree laceration *among midwifery clients*, Nova Scotia, 2009-2023



	2009-2011	2012-2014	2015-2017	2018-2020	2021-2023
Total births ^a	241	363	593	538	720
3 rd or 4 th degree laceration	3.7%	1.4%	3.9%	5.2%	3.5%

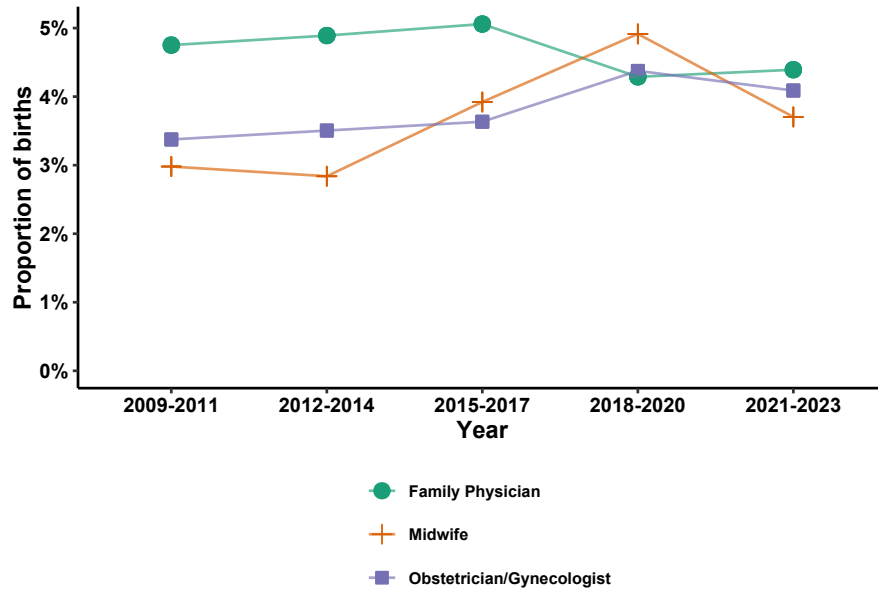
Note:

Midwifery client is defined as a client who met at least two of the following three criteria: at least one prenatal visit, at least one postpartum visit, and a midwife present at birth, as either the first or second attendant.

Data for 2023 is incomplete.

^a Vaginal deliveries only.

1.29 3rd and 4th degree laceration by mother's care provider while in hospital, Nova Scotia, 2009-2023



	2009-2011	2012-2014	2015-2017	2018-2020	2021-2023
Family Physician					
Total births ^a	9,723	9,528	9,449	8,394	8,105
3 rd or 4 th degree laceration	4.8%	4.9%	5.1%	4.3%	4.4%
Obstetrician/Gynecologist					
Total births ^a	9,452	9,073	8,228	7,930	7,019
3 rd or 4 th degree laceration	3.4%	3.5%	3.6%	4.4%	4.1%
Midwife					
Total births ^a	302	458	612	529	756
3 rd or 4 th degree laceration	3.0%	2.8%	3.9%	4.9%	3.7%

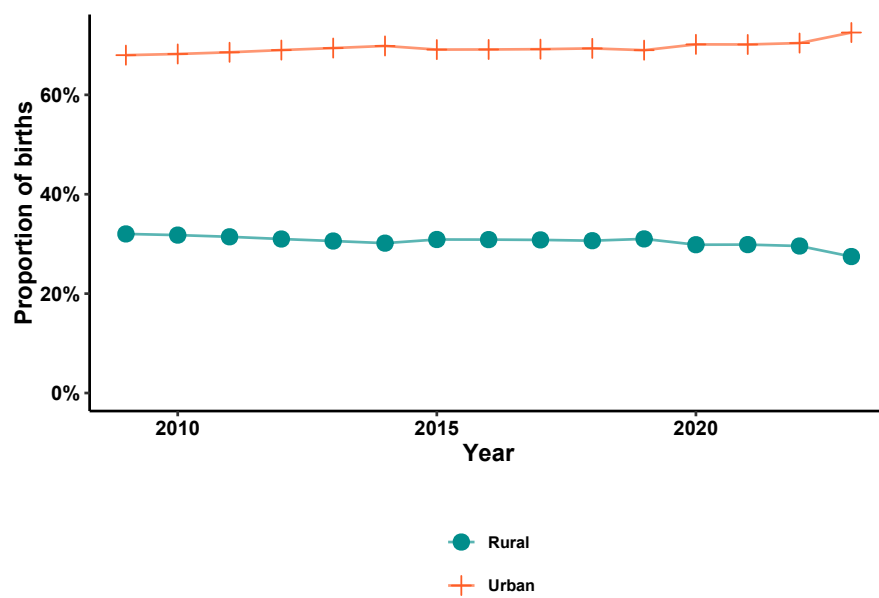
Note:

Data is grouped in three-year periods to reduce the impact of artifacts or misleading spikes that can occur in annual data presentation.

Data for 2023 is incomplete.

^a Vaginal deliveries only.

1.30 Urban vs Rural, Nova Scotia, 2009-2023



	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Total births ^a	9,118	8,978	9,015	8,867	8,579	8,787	8,300	8,432	8,380	8,058	8,184	7,697	8,237	7,944	7,243
Urban	32.0%	31.8%	31.4%	31.0%	30.6%	30.2%	30.9%	30.9%	30.8%	30.7%	31.0%	29.8%	29.9%	29.6%	27.5%
Rural	68.0%	68.2%	68.6%	69.0%	69.4%	69.8%	69.1%	69.1%	69.2%	69.3%	69.0%	70.2%	70.1%	70.4%	72.5%

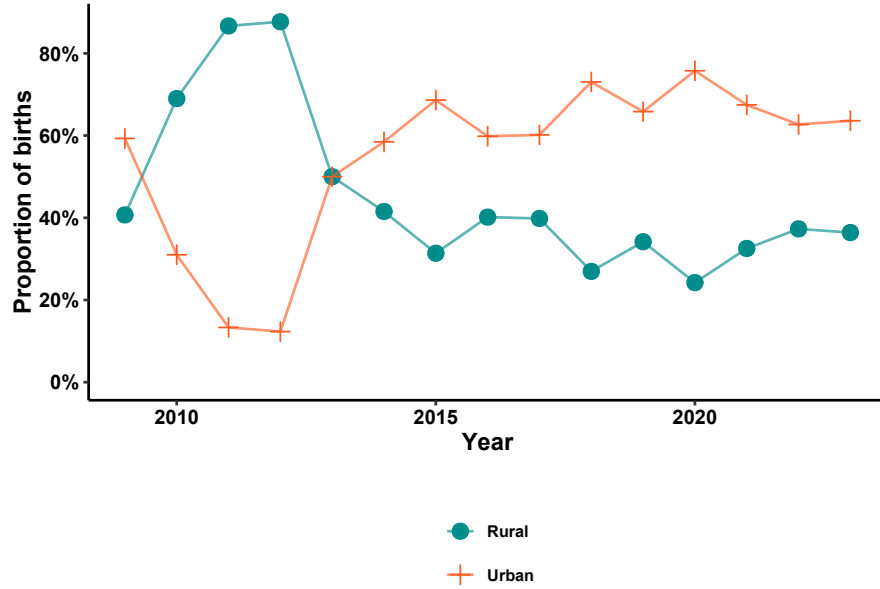
Note:

Rural refers to areas outside census metropolitan areas (CMAs) or census agglomerations (CAs).

Data for 2023 is incomplete.

^a With known postal code of mother's residence.

1.31 Urban vs Rural among midwifery clients, Nova Scotia, 2009-2023



	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Total births ^a	86	100	75	65	120	183	204	244	241	204	199	227	335	311	228
Urban	40.7%	69.0%	86.7%	87.7%	50.0%	41.5%	31.4%	40.2%	39.8%	27.0%	34.2%	24.2%	32.5%	37.3%	36.4%
Rural	59.3%	31.0%	13.3%	12.3%	50.0%	58.5%	68.6%	59.8%	60.2%	73.0%	65.8%	75.8%	67.5%	62.7%	63.6%

Note:

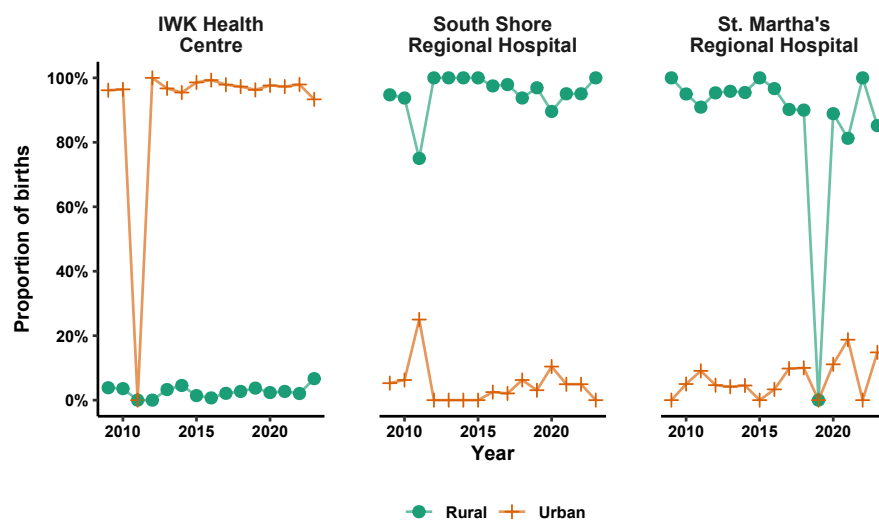
Midwifery client is defined as a client who met at least two of the following three criteria: at least one prenatal visit, at least one postpartum visit, and a midwife present at birth, as either the first or second attendant.

Rural refers to areas outside census metropolitan areas (CMAs) or census agglomerations (CAs).

Data for 2023 is incomplete.

^a With known postal code of mother's residence.

1.32 Urban vs Rural by place of delivery *among midwifery clients*, Nova Scotia, 2009-2023



	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
South Shore Regional Hospital															
Total births ^a	19	32	20	14	35	29	25	40	48	16	65	48	81	81	50
Rural	94.7%	93.8%	75.0%	100.0%	100.0%	100.0%	100.0%	97.5%	97.9%	93.8%	96.9%	89.6%	95.1%	95.1%	100.0%
Total births ^a	5.3%	6.2%	25.0%	0%	0%	0%	0%	2.5%	2.1%	6.2%	3.1%	10.4%	4.9%	4.9%	0%
St. Martha's Regional Hospital															
Total births	15	40	55	43	24	44	37	60	51	40	0	9	32	35	27
Total births ^a	100.0%	95.0%	90.9%	95.3%	95.8%	95.5%	100.0%	96.7%	90.2%	90.0%	0%	88.9%	81.2%	100.0%	85.2%
Urban	0%	5.0%	9.1%	4.7%	4.2%	4.5%	0%	3.3%	9.8%	10.0%	0%	11.1%	18.8%	0%	14.8%
IWK Health Centre															
Total births	52	28	0	6	61	110	142	144	142	148	134	170	222	194	150
Rural	3.8%	3.6%	0%	0%	3.3%	4.5%	1.4%	0.7%	2.1%	2.7%	3.7%	2.4%	2.7%	2.1%	6.7%
Urban	96.2%	96.4%	0%	100.0%	96.7%	95.5%	98.6%	99.3%	97.9%	97.3%	96.3%	97.6%	97.3%	97.9%	93.3%

Note:

Midwifery client is defined as a client who met at least two of the following three criteria: at least one prenatal visit, at least one postpartum visit, and a midwife present at birth, as either the first or second attendant.

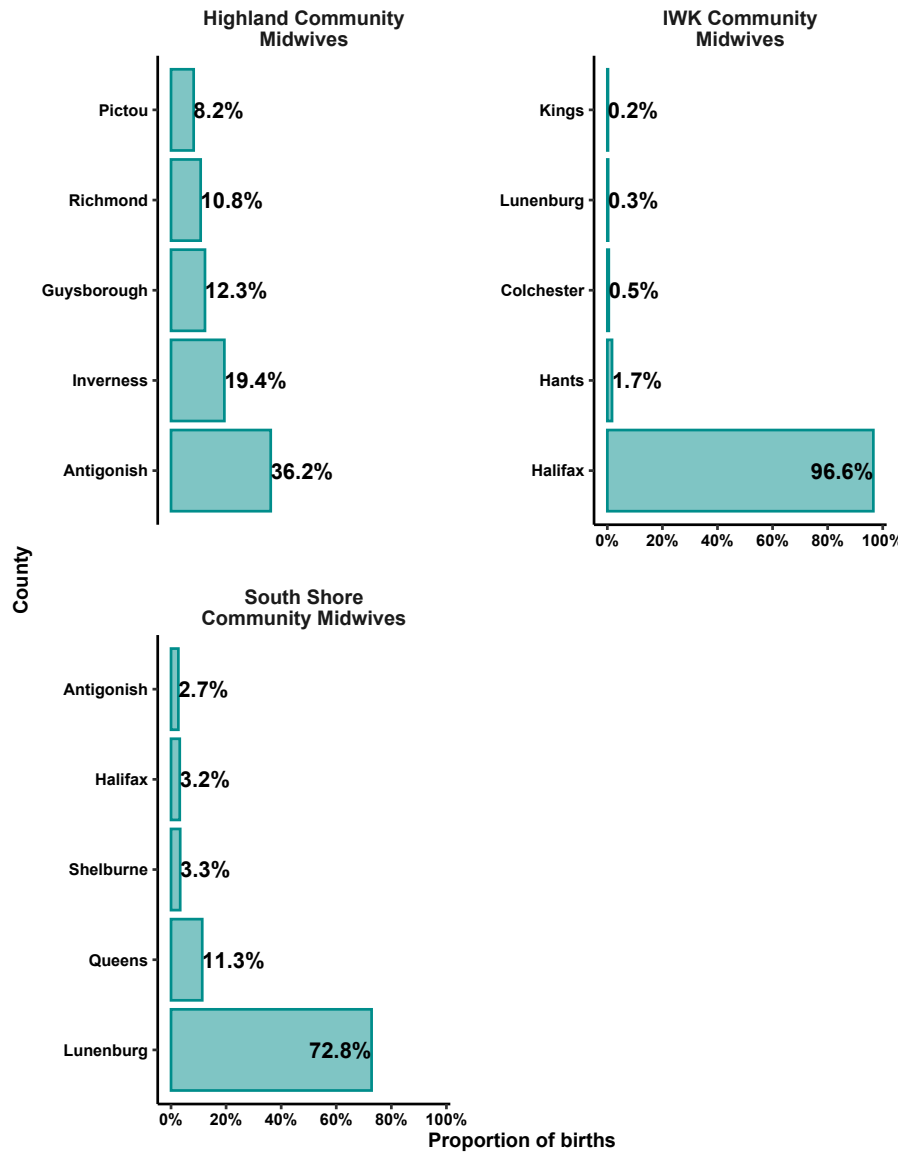
Rural refers to areas outside census metropolitan areas (CMAs) or census agglomerations (CAs).

Place of delivery includes a range of birthing settings, covering hospital and home births.

Data for 2023 is incomplete.

^a With known postal code of mother's residence and place of delivery.

1.33 Top 5 places of residence *among midwifery clients*, Nova Scotia, 2009-2023



County	Total births	Proportion of births
IWK Health Centre		
Halifax	1,645	96.6%
Hants	29	1.7%
Colchester	9	0.5%
Lunenburg	5	0.3%
Kings	4	0.2%
South Shore Regional Hospital		
Lunenburg	437	72.8%
Queens	68	11.3%
Shelburne	20	3.3%
Halifax	19	3.2%
Antigonish	16	2.7%
St. Martha's Regional Hospital		
Antigonish	185	36.2%
Inverness	99	19.4%
Guysborough	63	12.3%
Richmond	55	10.8%
Pictou	42	8.2%

Note:

Midwifery client is defined as a client who met at least two of the following three criteria: at least one prenatal visit, at least one postpartum visit, and a midwife present at birth, as either the first or second attendant.

Place of delivery includes a range of birthing settings, covering hospital and home births.

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^a With known postal code of mother's residence.