

Breastfeeding Initiation and Duration for Minnesota WIC Infants by Mother's Prenatal Participation in WIC

Minnesota WIC Information System

Prenatal WIC Participation by CHB/City ¹	Total ²	Breastfeeding ³	No prenatal total ⁴	No prenatal BF ⁵	< 3 months Total ⁶	< 3 months BF ⁷	3 or more months total ⁸	3 or more months BF ⁹
RAMSEY New Brighton								
Initiated	128	♥112 (87.5)	28	24 (****)	19	16 (****)	81	♥72 (88.9)
2 weeks	128	102 (79.7)	28	22 (****)	19	13 (****)	81	67 (82.7)
2 months	127	92 (72.4)	27	19 (****)	19	13 (****)	81	60 (74.1)
3 months	127	88 (69.3)	27	18 (****)	19	13 (****)	81	♥57 (70.4)
6 months	127	71 (55.9)	27	17 (****)	19	6 (****)	81	48 (59.3)
12 months	125	40 (32.0)	26	9 (****)	19	****	80	♥28 (35.0)
RAMSEY Roseville								
Initiated	3,203	2,445 (76.3)	843	603 (71.5)	575	445 (77.4)	1,785	1,397 (78.3)
2 weeks	3,177	2,168 (68.2)	837	536 (64.0)	570	398 (69.8)	1,770	1,234 (69.7)
2 months	3,151	1,673 (53.1)	830	419 (50.5)	559	277 (49.6)	1,762	977 (55.4)
3 months	3,136	1,451 (46.3)	828	365 (44.1)	553	236 (42.7)	1,755	850 (48.4)
6 months	3,091	1,051 (34.0)	809	255 (31.5)	548	172 (31.4)	1,734	624 (36.0)
12 months	3,050	554 (18.2)	793	118 (14.9)	538	84 (15.6)	1,719	352 (20.5)
RAMSEY Saint Paul								
Initiated	102	♥87 (85.3)	31	♥28 (90.3)	19	15 (****)	52	♥44 (84.6)
2 weeks	98	77 (78.6)	29	25 (****)	18	14 (****)	51	38 (74.5)
2 months	96	64 (66.7)	29	23 (****)	17	10 (****)	50	31 (62.0)
3 months	95	55 (57.9)	29	19 (****)	16	8 (****)	50	28 (56.0)
6 months	94	41 (43.6)	29	15 (****)	15	6 (****)	50	20 (40.0)
12 months	88	20 (22.7)	26	10 (****)	14	****	48	8 (16.7)
RAMSEY White Bear Lake								
Initiated	248	♥222 (89.5)	60	♥53 (88.3)	43	♥39 (90.7)	145	♥130 (89.7)
2 weeks	248	207 (83.5)	60	48 (80.0)	43	35 (81.4)	145	124 (85.5)
2 months	245	168 (68.6)	60	37 (61.7)	41	26 (63.4)	144	105 (72.9)
3 months	244	150 (61.5)	59	30 (50.8)	41	24 (58.5)	144	96 (66.7)
6 months	242	115 (47.5)	58	20 (34.5)	40	18 (45.0)	144	77 (53.5)
12 months	238	59 (24.8)	57	11 (19.3)	39	8 (20.5)	142	40 (28.2)
RICE Faribault								
Initiated	46	♥41 (89.1)	14	13 (****)	6	5 (****)	26	23 (****)
2 weeks	46	34 (73.9)	14	10 (****)	6	5 (****)	26	19 (****)
2 months	44	16 (36.4)	13	****	6	****	25	10 (****)
3 months	44	13 (29.5)	13	****	6	****	25	9 (****)
6 months	44	11 (25.0)	13	****	6	****	25	9 (****)
12 months	44	7 (15.9)	13	****	6	****	25	5 (****)
RICE Northfield								
Initiated	200	♥183 (91.5)	71	♥63 (88.7)	40	♥37 (92.5)	89	♥83 (93.3)
2 weeks	200	175 (87.5)	71	58 (81.7)	40	36 (90.0)	89	81 (91.0)
2 months	198	142 (71.7)	69	43 (62.3)	40	28 (70.0)	89	71 (79.8)
3 months	198	133 (67.2)	69	38 (55.1)	40	♥28 (70.0)	89	♥67 (75.3)
6 months	194	111 (57.2)	67	30 (44.8)	39	22 (56.4)	88	♥59 (67.0)
12 months	189	♥74 (39.2)	62	15 (24.2)	39	♥15 (38.5)	88	♥44 (50.0)

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SCOTT Prior Lake/Savage								
Initiated	172	♥150 (87.2)	57	♥48 (84.2)	25	20 (****)	90	♥82 (91.1)
2 weeks	170	136 (80.0)	56	45 (80.4)	25	17 (****)	89	74 (83.1)
2 months	168	104 (61.9)	54	34 (63.0)	25	13 (****)	89	57 (64.0)
3 months	166	95 (57.2)	53	31 (58.5)	24	11 (****)	89	53 (59.6)
6 months	159	67 (42.1)	51	22 (43.1)	21	5 (****)	87	40 (46.0)
12 months	152	35 (23.0)	47	11 (23.4)	21	****	84	21 (25.0)
SCOTT Shakopee								
Initiated	221	♥195 (88.2)	76	♥68 (89.5)	42	♥39 (92.9)	103	♥88 (85.4)
2 weeks	221	168 (76.0)	76	58 (76.3)	42	38 (90.5)	103	72 (69.9)
2 months	221	136 (61.5)	76	45 (59.2)	42	30 (71.4)	103	61 (59.2)
3 months	219	116 (53.0)	75	38 (50.7)	41	22 (53.7)	103	56 (54.4)
6 months	218	86 (39.4)	75	28 (37.3)	41	17 (41.5)	102	41 (40.2)
12 months	205	30 (14.6)	67	8 (11.9)	39	5 (12.8)	99	17 (17.2)
SHERBURNE Big Lake/Becker/Clear Lake								
Initiated	114	♥98 (86.0)	50	♥44 (88.0)	22	19 (****)	42	♥35 (83.3)
2 weeks	112	88 (78.6)	50	41 (82.0)	20	13 (****)	42	34 (81.0)
2 months	111	73 (65.8)	49	34 (69.4)	20	12 (****)	42	27 (64.3)
3 months	111	71 (64.0)	49	33 (67.3)	20	11 (****)	42	27 (64.3)
6 months	110	60 (54.5)	49	29 (59.2)	19	7 (****)	42	24 (57.1)
12 months	104	30 (28.8)	45	15 (33.3)	18	****	41	12 (29.3)
SHERBURNE Elk River/Zimmerman								
Initiated	143	116 (81.1)	57	46 (80.7)	19	15 (****)	67	♥55 (82.1)
2 weeks	143	108 (75.5)	57	44 (77.2)	19	11 (****)	67	53 (79.1)
2 months	143	80 (55.9)	57	30 (52.6)	19	7 (****)	67	43 (64.2)
3 months	142	70 (49.3)	56	27 (48.2)	19	7 (****)	67	36 (53.7)
6 months	141	48 (34.0)	55	19 (34.5)	19	5 (****)	67	24 (35.8)
12 months	134	28 (20.9)	51	9 (17.6)	19	****	64	16 (25.0)
STEARNS Saint Cloud								
Initiated	699	♥588 (84.1)	216	170 (78.7)	110	♥92 (83.6)	373	♥326 (87.4)
2 weeks	699	570 (81.5)	216	163 (75.5)	110	89 (80.9)	373	318 (85.3)
2 months	694	488 (70.3)	215	138 (64.2)	110	77 (70.0)	369	273 (74.0)
3 months	691	439 (63.5)	214	123 (57.5)	110	68 (61.8)	367	248 (67.6)
6 months	680	337 (49.6)	208	94 (45.2)	107	52 (48.6)	365	191 (52.3)
12 months	659	159 (24.1)	198	42 (21.2)	103	26 (25.2)	358	91 (25.4)
STEARNS Sartell/ Sauk Rapids/ Sauk Centre								
Initiated	174	130 (74.7)	71	49 (69.0)	21	15 (****)	82	66 (80.5)
2 weeks	174	121 (69.5)	71	46 (64.8)	21	13 (****)	82	62 (75.6)
2 months	173	100 (57.8)	70	38 (54.3)	21	13 (****)	82	49 (59.8)
3 months	173	86 (49.7)	70	32 (45.7)	21	12 (****)	82	42 (51.2)
6 months	171	64 (37.4)	70	26 (37.1)	21	7 (****)	80	31 (38.8)
12 months	162	32 (19.8)	63	15 (23.8)	21	****	78	15 (19.2)

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STEARNS Saint Joseph/ Waite Park								
Initiated	188	♥164 (87.2)	41	♥34 (82.9)	29	25 (****)	118	♥105 (89.0)
2 weeks	188	157 (83.5)	41	33 (80.5)	29	24 (****)	118	100 (84.7)
2 months	187	134 (71.7)	40	27 (67.5)	29	19 (****)	118	88 (74.6)
3 months	187	118 (63.1)	40	26 (65.0)	29	16 (****)	118	76 (64.4)
6 months	186	97 (52.2)	40	22 (55.0)	28	14 (****)	118	61 (51.7)
12 months	184	46 (25.0)	38	9 (23.7)	28	5 (****)	118	32 (27.1)
STEELE Owatonna								
Initiated	190	♥170 (89.5)	56	♥46 (82.1)	27	26 (****)	107	♥98 (91.6)
2 weeks	188	144 (76.6)	55	39 (70.9)	27	24 (****)	106	81 (76.4)
2 months	187	100 (53.5)	55	28 (50.9)	27	19 (****)	105	53 (50.5)
3 months	186	87 (46.8)	54	22 (40.7)	27	16 (****)	105	49 (46.7)
6 months	184	61 (33.2)	52	14 (26.9)	27	9 (****)	105	38 (36.2)
12 months	176	29 (16.5)	50	9 (18.0)	26	****	100	16 (16.0)
SOUTHWEST Marshall								
Initiated	133	104 (78.2)	30	24 (80.0)	26	24 (****)	77	56 (72.7)
2 weeks	133	101 (75.9)	30	22 (73.3)	26	24 (****)	77	55 (71.4)
2 months	133	72 (54.1)	30	13 (43.3)	26	15 (****)	77	44 (57.1)
3 months	131	63 (48.1)	30	11 (36.7)	26	14 (****)	75	38 (50.7)
6 months	127	44 (34.6)	30	9 (30.0)	26	10 (****)	71	25 (35.2)
12 months	127	27 (21.3)	30	7 (23.3)	26	7 (****)	71	13 (18.3)
WASHINGTON Cottage Grove/ Saint Paul Park								
Initiated	168	135 (80.4)	60	47 (78.3)	32	22 (68.8)	76	♥66 (86.8)
2 weeks	168	118 (70.2)	60	44 (73.3)	32	20 (62.5)	76	54 (71.1)
2 months	164	81 (49.4)	58	30 (51.7)	31	14 (45.2)	75	37 (49.3)
3 months	164	68 (41.5)	58	27 (46.6)	31	9 (29.0)	75	32 (42.7)
6 months	164	52 (31.7)	58	22 (37.9)	31	5 (16.1)	75	25 (33.3)
12 months	160	26 (16.3)	55	8 (14.5)	31	****	74	15 (20.3)
WASHINGTON Forest Lake/Hugo								
Initiated	116	95 (81.9)	41	33 (80.5)	15	14 (****)	60	48 (80.0)
2 weeks	116	81 (69.8)	41	30 (73.2)	15	10 (****)	60	41 (68.3)
2 months	115	55 (47.8)	40	21 (52.5)	15	****	60	30 (50.0)
3 months	115	45 (39.1)	40	16 (40.0)	15	****	60	26 (43.3)
6 months	114	34 (29.8)	39	11 (28.2)	15	****	60	20 (33.3)
12 months	113	21 (18.6)	38	6 (15.8)	15	****	60	12 (20.0)
WASHINGTON Oakdale								
Initiated	163	127 (77.9)	47	35 (74.5)	38	30 (78.9)	78	62 (79.5)
2 weeks	161	106 (65.8)	47	28 (59.6)	36	26 (72.2)	78	52 (66.7)
2 months	160	75 (46.9)	47	14 (29.8)	36	22 (61.1)	77	39 (50.6)
3 months	160	59 (36.9)	47	12 (25.5)	36	19 (52.8)	77	28 (36.4)
6 months	158	45 (28.5)	46	11 (23.9)	35	12 (34.3)	77	22 (28.6)
12 months	153	20 (13.1)	46	****	34	5 (14.7)	73	12 (16.4)

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WASHINGTON Stillwater/Lake Elmo/Mahtomedi								
Initiated	93	♥82 (88.2)	30	♥26 (86.7)	17	16 (****)	46	♥40 (87.0)
2 weeks	93	67 (72.0)	30	25 (83.3)	17	14 (****)	46	28 (60.9)
2 months	93	50 (53.8)	30	17 (56.7)	17	10 (****)	46	23 (50.0)
3 months	93	44 (47.3)	30	16 (53.3)	17	8 (****)	46	20 (43.5)
6 months	91	30 (33.0)	28	10 (****)	17	6 (****)	46	14 (30.4)
12 months	90	19 (21.1)	28	6 (****)	17	****	45	11 (24.4)
WASHINGTON Woodbury/ Newport								
Initiated	187	153 (81.8)	52	39 (75.0)	29	24 (****)	106	♥90 (84.9)
2 weeks	187	145 (77.5)	52	36 (69.2)	29	23 (****)	106	86 (81.1)
2 months	186	109 (58.6)	52	30 (57.7)	29	17 (****)	105	62 (59.0)
3 months	186	98 (52.7)	52	27 (51.9)	29	14 (****)	105	57 (54.3)
6 months	181	73 (40.3)	49	18 (36.7)	28	10 (****)	104	45 (43.3)
12 months	172	31 (18.0)	43	6 (14.0)	28	5 (****)	101	20 (19.8)
WINONA Winona								
Initiated	120	95 (79.2)	39	31 (79.5)	26	19 (****)	55	45 (81.8)
2 weeks	119	79 (66.4)	39	23 (59.0)	26	16 (****)	54	40 (74.1)
2 months	118	43 (36.4)	39	9 (23.1)	25	7 (****)	54	27 (50.0)
3 months	118	38 (32.2)	39	7 (17.9)	25	7 (****)	54	24 (44.4)
6 months	117	28 (23.9)	39	7 (17.9)	25	5 (****)	53	16 (30.2)
12 months	113	15 (13.3)	38	6 (15.8)	24	****	51	7 (13.7)
WRIGHT Buffalo/Saint Michael								
Initiated	110	85 (77.3)	34	26 (76.5)	14	9 (****)	62	50 (80.6)
2 weeks	110	77 (70.0)	34	23 (67.6)	14	7 (****)	62	47 (75.8)
2 months	110	51 (46.4)	34	14 (41.2)	14	6 (****)	62	31 (50.0)
3 months	110	46 (41.8)	34	12 (35.3)	14	****	62	30 (48.4)
6 months	108	34 (31.5)	34	8 (23.5)	14	****	60	24 (40.0)
12 months	107	22 (20.6)	34	5 (14.7)	14	****	59	16 (27.1)
WRIGHT Monticello/Otsego								
Initiated	141	♥117 (83.0)	47	♥39 (83.0)	25	20 (****)	69	♥58 (84.1)
2 weeks	141	104 (73.8)	47	34 (72.3)	25	18 (****)	69	52 (75.4)
2 months	141	84 (59.6)	47	25 (53.2)	25	14 (****)	69	45 (65.2)
3 months	140	73 (52.1)	46	19 (41.3)	25	13 (****)	69	41 (59.4)
6 months	138	56 (40.6)	46	12 (26.1)	24	9 (****)	68	35 (51.5)
12 months	136	38 (27.9)	46	9 (19.6)	24	****	66	♥25 (37.9)

Breastfeeding Benchmark References	Breastfeeding Initiation	Breastfeeding at Three months	Breastfeeding at Six months	Breastfeeding at Twelve months
Healthy People 2020 Objectives * Percent met Healthy People 2020 Objective	81.9%		60.6%	34.1%
Minnesota WIC Program 2020 Objective		70.0%		
National Immunization Survey Data Nationwide (Infants born in 2018) ¹⁷	83.9%		56.7%	35.0%
National Immunization Survey Data Minnesota (Infants born in 2018) ¹⁷	88.6%		66.2%	40.1%
Minnesota Birth Certificate Data (Infants born in 2019) ¹⁸	89.6%			

Suggested citation: Minnesota WIC Information System. Breastfeeding Initiation and Duration for Minnesota WIC Infants Born During Calendar Year 2019 by Mother's Prenatal Participation in WIC by City of Residence. Minnesota WIC Program: 2022.

For more information contact: Minnesota Department of Health WIC Program 1 (800) 657-3942

¹ City of residence when infant initially enrolled in WIC

² Total number of MN WIC infants born during report year with breastfeeding information as of June 25, 2021

³ Number of WIC participants breastfeeding (percent of total WIC participants born during year with breastfeeding information)

⁴ Total number of WIC participants who did not participate in WIC prenatally

⁵ Number of WIC participants who did not participate in WIC prenatally who were breastfeeding

⁶ Total number of WIC participants who participated in WIC for less than three months prenatally

⁷ Number of WIC participants who participated in WIC for less than three months prenatally who were breastfeeding

⁸ Total number of WIC participants who participated in WIC for three or more months prenatally

⁹ Number of WIC participants who participated in WIC for three or more months prenatally who were breastfeeding

¹⁰ Infants who initiated breastfeeding

¹¹ Infants who continued to breastfeed at two weeks

¹² Infants who continued to breastfeed at two months

¹³ Infants who continued to breastfeed at three months

¹⁴ Infants who continued to breastfeed at six months

¹⁵ Infants who continued to breastfeed at twelve months

¹⁶ Includes Aurora, Biwabik, Buhl, Chisholm, Ely, Embarass, Eveleth, Gilbert, Mt Iron and Virginia

¹⁷ [National Immunization Survey Data \(All 2017 births, accessed August 20, 2020\)](#)

¹⁸ [Breastfeeding Initiation for all Infants born in Minnesota Reports \(All Minnesota births with initiation data, accessed June 29, 2021\)](#)