

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

Minnesota WIC Information System

Prenatal WIC Participation by Community Health Board (CHB) 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
HORIZON								
Initiated	280	229 (81.8)	81	♥67 (82.7)	43	33 (76.7)	156	♥129 (82.7)
2 weeks	280	210 (75.0)	81	62 (76.5)	43	29 (67.4)	156	119 (76.3)
2 months	277	150 (54.2)	80	53 (66.3)	42	15 (35.7)	155	82 (52.9)
3 months	276	131 (47.5)	79	42 (53.2)	42	14 (33.3)	155	75 (48.4)
6 months	273	92 (33.7)	78	30 (38.5)	42	10 (23.8)	153	52 (34.0)
12 months	268	49 (18.3)	74	14 (18.9)	42	7 (16.7)	152	28 (18.4)
ISANTI								
Initiated	194	♥164 (84.5)	70	♥58 (82.9)	20	14 (****)	104	♥92 (88.5)
2 weeks	194	148 (76.3)	70	52 (74.3)	20	10 (****)	104	86 (82.7)
2 months	191	111 (58.1)	67	37 (55.2)	20	8 (****)	104	66 (63.5)
3 months	191	92 (48.2)	67	30 (44.8)	20	5 (****)	104	57 (54.8)
6 months	185	71 (38.4)	64	22 (34.4)	20	****	101	46 (45.5)
12 months	180	43 (23.9)	62	11 (17.7)	19	****	99	31 (31.3)
KANABEC								
Initiated	70	57 (81.4)	22	16 (****)	11	9 (****)	37	♥32 (86.5)
2 weeks	70	54 (77.1)	22	14 (****)	11	9 (****)	37	31 (83.8)
2 months	70	35 (50.0)	22	7 (****)	11	7 (****)	37	21 (56.8)
3 months	70	31 (44.3)	22	7 (****)	11	6 (****)	37	18 (48.6)
6 months	70	23 (32.9)	22	****	11	****	37	16 (43.2)
12 months	70	18 (25.7)	22	****	11	****	37	♥13 (35.1)
KANDIYOHI-RENVILLE								
Initiated	450	♥380 (84.4)	84	66 (78.6)	67	♥58 (86.6)	299	♥256 (85.6)
2 weeks	450	336 (74.7)	84	57 (67.9)	67	51 (76.1)	299	228 (76.3)
2 months	447	272 (60.9)	84	47 (56.0)	65	38 (58.5)	298	187 (62.8)
3 months	444	243 (54.7)	82	42 (51.2)	65	35 (53.8)	297	166 (55.9)
6 months	441	172 (39.0)	81	33 (40.7)	65	28 (43.1)	295	111 (37.6)
12 months	431	74 (17.2)	75	8 (10.7)	62	12 (19.4)	294	54 (18.4)
LE SUEUR WASECA								
Initiated	210	165 (78.6)	72	52 (72.2)	41	29 (70.7)	97	♥84 (86.6)
2 weeks	210	146 (69.5)	72	44 (61.1)	41	24 (58.5)	97	78 (80.4)
2 months	208	107 (51.4)	72	36 (50.0)	41	16 (39.0)	95	55 (57.9)
3 months	208	90 (43.3)	72	31 (43.1)	41	12 (29.3)	95	47 (49.5)
6 months	206	66 (32.0)	71	26 (36.6)	41	6 (14.6)	94	34 (36.2)
12 months	199	34 (17.1)	67	10 (14.9)	41	****	91	20 (22.0)

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MEEKER MCLEOD SIBLE								
Initiated	348	♥296 (85.1)	93	♥79 (84.9)	52	41 (78.8)	203	♥176 (86.7)
2 weeks	346	251 (72.5)	93	72 (77.4)	50	32 (64.0)	203	147 (72.4)
2 months	339	176 (51.9)	90	48 (53.3)	49	20 (40.8)	200	108 (54.0)
3 months	339	160 (47.2)	90	44 (48.9)	49	17 (34.7)	200	99 (49.5)
6 months	335	123 (36.7)	86	28 (32.6)	49	13 (26.5)	200	82 (41.0)
12 months	328	79 (24.1)	82	14 (17.1)	47	10 (21.3)	199	55 (27.6)
MILLE LACS								
Initiated	159	108 (67.9)	42	20 (47.6)	22	16 (****)	95	72 (75.8)
2 weeks	158	100 (63.3)	42	18 (42.9)	22	15 (****)	94	67 (71.3)
2 months	158	67 (42.4)	42	15 (35.7)	22	7 (****)	94	45 (47.9)
3 months	158	60 (38.0)	42	13 (31.0)	22	5 (****)	94	42 (44.7)
6 months	158	39 (24.7)	42	7 (16.7)	22	****	94	29 (30.9)
12 months	152	21 (13.8)	42	****	21	****	89	17 (19.1)
MORRISON-TODD-WAD								
Initiated	428	347 (81.1)	160	♥133 (83.1)	56	44 (78.6)	212	170 (80.2)
2 weeks	428	318 (74.3)	160	121 (75.6)	56	40 (71.4)	212	157 (74.1)
2 months	424	216 (50.9)	159	87 (54.7)	55	27 (49.1)	210	102 (48.6)
3 months	423	186 (44.0)	159	76 (47.8)	55	22 (40.0)	209	88 (42.1)
6 months	417	133 (31.9)	156	51 (32.7)	53	14 (26.4)	208	68 (32.7)
12 months	412	75 (18.2)	152	25 (16.4)	52	5 (9.6)	208	45 (21.6)
MOWER								
Initiated	340	♥293 (86.2)	105	84 (80.0)	61	♥55 (90.2)	174	♥154 (88.5)
2 weeks	328	240 (73.2)	97	68 (70.1)	60	38 (63.3)	171	134 (78.4)
2 months	325	170 (52.3)	97	50 (51.5)	58	25 (43.1)	170	95 (55.9)
3 months	321	151 (47.0)	95	45 (47.4)	58	21 (36.2)	168	85 (50.6)
6 months	320	105 (32.8)	94	32 (34.0)	58	13 (22.4)	168	60 (35.7)
12 months	313	67 (21.4)	92	23 (25.0)	57	7 (12.3)	164	37 (22.6)
NOBLES								
Initiated	268	212 (79.1)	58	♥49 (84.5)	59	39 (66.1)	151	♥124 (82.1)
2 weeks	267	192 (71.9)	58	43 (74.1)	59	39 (66.1)	150	110 (73.3)
2 months	265	140 (52.8)	57	27 (47.4)	59	31 (52.5)	149	82 (55.0)
3 months	264	122 (46.2)	57	23 (40.4)	59	27 (45.8)	148	72 (48.6)
6 months	261	82 (31.4)	56	15 (26.8)	59	22 (37.3)	146	45 (30.8)
12 months	255	45 (17.6)	53	6 (11.3)	58	16 (27.6)	144	23 (16.0)

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NORTH COUNTRY								
Initiated	197	152 (77.2)	55	41 (74.5)	33	23 (69.7)	109	88 (80.7)
2 weeks	195	134 (68.7)	54	36 (66.7)	33	17 (51.5)	108	81 (75.0)
2 months	194	90 (46.4)	54	23 (42.6)	33	12 (36.4)	107	55 (51.4)
3 months	194	74 (38.1)	54	19 (35.2)	33	10 (30.3)	107	45 (42.1)
6 months	194	58 (29.9)	54	15 (27.8)	33	8 (24.2)	107	35 (32.7)
12 months	192	35 (18.2)	53	8 (15.1)	33	****	106	23 (21.7)
OLMSTED								
Initiated	725	♥648 (89.4)	212	♥183 (86.3)	124	♥106 (85.5)	389	♥359 (92.3)
2 weeks	711	569 (80.0)	207	162 (78.3)	119	92 (77.3)	385	315 (81.8)
2 months	700	424 (60.6)	205	114 (55.6)	118	67 (56.8)	377	243 (64.5)
3 months	697	370 (53.1)	204	100 (49.0)	118	56 (47.5)	375	214 (57.1)
6 months	688	270 (39.2)	202	67 (33.2)	114	44 (38.6)	372	159 (42.7)
12 months	675	172 (25.5)	198	41 (20.7)	110	31 (28.2)	367	100 (27.2)
PARTNERSHIP 4 HEALTH								
Initiated	855	♥716 (83.7)	270	214 (79.3)	150	♥125 (83.3)	435	♥377 (86.7)
2 weeks	855	641 (75.0)	270	192 (71.1)	150	109 (72.7)	435	340 (78.2)
2 months	842	480 (57.0)	265	144 (54.3)	146	80 (54.8)	431	256 (59.4)
3 months	841	418 (49.7)	265	128 (48.3)	146	66 (45.2)	430	224 (52.1)
6 months	834	324 (38.8)	265	105 (39.6)	143	48 (33.6)	426	171 (40.1)
12 months	818	185 (22.6)	257	58 (22.6)	142	30 (21.1)	419	97 (23.2)
PINE								
Initiated	151	♥125 (82.8)	37	30 (81.1)	29	23 (****)	85	♥72 (84.7)
2 weeks	151	108 (71.5)	37	28 (75.7)	29	19 (****)	85	61 (71.8)
2 months	150	68 (45.3)	36	16 (44.4)	29	11 (****)	85	41 (48.2)
3 months	150	63 (42.0)	36	15 (41.7)	29	10 (****)	85	38 (44.7)
6 months	150	48 (32.0)	36	12 (33.3)	29	10 (****)	85	26 (30.6)
12 months	144	28 (19.4)	35	5 (14.3)	28	7 (****)	81	16 (19.8)
POLK-NORMAN-MAHNOE								
Initiated	337	265 (78.6)	92	61 (66.3)	66	53 (80.3)	179	♥151 (84.4)
2 weeks	337	232 (68.8)	92	53 (57.6)	66	40 (60.6)	179	139 (77.7)
2 months	335	168 (50.1)	92	38 (41.3)	66	26 (39.4)	177	104 (58.8)
3 months	333	151 (45.3)	91	32 (35.2)	66	24 (36.4)	176	95 (54.0)
6 months	329	113 (34.3)	90	21 (23.3)	64	17 (26.6)	175	75 (42.9)
12 months	321	62 (19.3)	86	9 (10.5)	64	9 (14.1)	171	44 (25.7)

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QUIN								
Initiated	276	223 (80.8)	104	83 (79.8)	37	30 (81.1)	135	110 (81.5)
2 weeks	276	202 (73.2)	104	74 (71.2)	37	30 (81.1)	135	98 (72.6)
2 months	272	141 (51.8)	102	52 (51.0)	37	19 (51.4)	133	70 (52.6)
3 months	272	122 (44.9)	102	39 (38.2)	37	18 (48.6)	133	65 (48.9)
6 months	271	101 (37.3)	102	34 (33.3)	36	14 (38.9)	133	53 (39.8)
12 months	260	57 (21.9)	93	17 (18.3)	34	8 (23.5)	133	32 (24.1)
RAMSEY								
Initiated	4,133	3,208 (77.6)	1,126	827 (73.4)	732	567 (77.5)	2,275	1,814 (79.7)
2 weeks	4,093	2,841 (69.4)	1,116	740 (66.3)	724	502 (69.3)	2,253	1,599 (71.0)
2 months	4,061	2,228 (54.9)	1,107	588 (53.1)	710	356 (50.1)	2,244	1,284 (57.2)
3 months	4,041	1,945 (48.1)	1,103	519 (47.1)	702	305 (43.4)	2,236	1,121 (50.1)
6 months	3,983	1,414 (35.5)	1,077	365 (33.9)	695	224 (32.2)	2,211	825 (37.3)
12 months	3,923	759 (19.3)	1,052	185 (17.6)	683	108 (15.8)	2,188	466 (21.3)
RICE								
Initiated	336	♥304 (90.5)	90	♥82 (91.1)	55	♥49 (89.1)	191	♥173 (90.6)
2 weeks	336	279 (83.0)	90	73 (81.1)	55	45 (81.8)	191	161 (84.3)
2 months	331	214 (64.7)	89	52 (58.4)	53	32 (60.4)	189	130 (68.8)
3 months	329	190 (57.8)	88	42 (47.7)	53	29 (54.7)	188	119 (63.3)
6 months	325	144 (44.3)	87	29 (33.3)	51	21 (41.2)	187	94 (50.3)
12 months	321	79 (24.6)	86	18 (20.9)	50	10 (20.0)	185	51 (27.6)
SCOTT								
Initiated	476	♥418 (87.8)	170	♥148 (87.1)	77	♥69 (89.6)	229	♥201 (87.8)
2 weeks	474	371 (78.3)	169	133 (78.7)	77	64 (83.1)	228	174 (76.3)
2 months	470	293 (62.3)	166	102 (61.4)	76	50 (65.8)	228	141 (61.8)
3 months	466	257 (55.2)	164	90 (54.9)	74	40 (54.1)	228	127 (55.7)
6 months	455	190 (41.8)	161	68 (42.2)	70	27 (38.6)	224	95 (42.4)
12 months	430	86 (20.0)	147	27 (18.4)	67	11 (16.4)	216	48 (22.2)
SHERBURNE								
Initiated	366	♥309 (84.4)	137	♥114 (83.2)	63	♥54 (85.7)	166	♥141 (84.9)
2 weeks	364	285 (78.3)	137	107 (78.1)	61	44 (72.1)	166	134 (80.7)
2 months	360	221 (61.4)	135	83 (61.5)	60	31 (51.7)	165	107 (64.8)
3 months	358	202 (56.4)	134	78 (58.2)	60	28 (46.7)	164	96 (58.5)
6 months	354	152 (42.9)	131	58 (44.3)	59	20 (33.9)	164	74 (45.1)
12 months	340	83 (24.4)	123	29 (23.6)	58	10 (17.2)	159	44 (27.7)

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SOUTHWEST								
Initiated	465	360 (77.4)	128	98 (76.6)	70	♥59 (84.3)	267	203 (76.0)
2 weeks	462	325 (70.3)	126	88 (69.8)	70	55 (78.6)	266	182 (68.4)
2 months	457	239 (52.3)	125	65 (52.0)	69	40 (58.0)	263	134 (51.0)
3 months	453	208 (45.9)	125	57 (45.6)	69	34 (49.3)	259	117 (45.2)
6 months	446	153 (34.3)	125	43 (34.4)	68	24 (35.3)	253	86 (34.0)
12 months	436	83 (19.0)	118	21 (17.8)	67	12 (17.9)	251	50 (19.9)
STEARNS								
Initiated	993	♥851 (85.7)	289	234 (81.0)	160	♥136 (85.0)	544	♥481 (88.4)
2 weeks	993	810 (81.6)	289	223 (77.2)	160	127 (79.4)	544	460 (84.6)
2 months	986	675 (68.5)	287	183 (63.8)	160	108 (67.5)	539	384 (71.2)
3 months	983	593 (60.3)	286	161 (56.3)	160	93 (58.1)	537	339 (63.1)
6 months	971	455 (46.9)	283	125 (44.2)	155	67 (43.2)	533	263 (49.3)
12 months	942	214 (22.7)	267	55 (20.6)	150	28 (18.7)	525	131 (25.0)
WABASHA								
Initiated	79	♥66 (83.5)	26	22 (****)	13	11 (****)	40	♥33 (82.5)
2 weeks	79	60 (75.9)	26	20 (****)	13	11 (****)	40	29 (72.5)
2 months	78	39 (50.0)	26	14 (****)	12	9 (****)	40	16 (40.0)
3 months	78	31 (39.7)	26	13 (****)	12	7 (****)	40	11 (27.5)
6 months	77	20 (26.0)	26	9 (****)	11	****	40	10 (25.0)
12 months	72	12 (16.7)	24	5 (****)	10	0	38	7 (18.4)
WASHINGTON								
Initiated	761	623 (81.9)	245	193 (78.8)	133	108 (81.2)	383	♥322 (84.1)
2 weeks	759	547 (72.1)	245	176 (71.8)	131	95 (72.5)	383	276 (72.1)
2 months	752	394 (52.4)	242	121 (50.0)	130	68 (52.3)	380	205 (53.9)
3 months	752	334 (44.4)	242	107 (44.2)	130	54 (41.5)	380	173 (45.5)
6 months	742	250 (33.7)	235	79 (33.6)	128	37 (28.9)	379	134 (35.4)
12 months	720	124 (17.2)	224	32 (14.3)	127	18 (14.2)	369	74 (20.1)
WATONWAN								
Initiated	127	87 (68.5)	27	20 (****)	30	22 (73.3)	70	45 (64.3)
2 weeks	127	83 (65.4)	27	19 (****)	30	20 (66.7)	70	44 (62.9)
2 months	126	66 (52.4)	27	15 (****)	30	16 (53.3)	69	35 (50.7)
3 months	126	60 (47.6)	27	14 (****)	30	15 (50.0)	69	31 (44.9)
6 months	125	42 (33.6)	27	7 (****)	29	11 (****)	69	24 (34.8)
12 months	122	24 (19.7)	26	****	28	6 (****)	68	14 (20.6)

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WINONA								
Initiated	176	139 (79.0)	59	43 (72.9)	34	25 (73.5)	83	♥71 (85.5)
2 weeks	174	117 (67.2)	59	34 (57.6)	33	20 (60.6)	82	63 (76.8)
2 months	172	73 (42.4)	59	19 (32.2)	32	11 (34.4)	81	43 (53.1)
3 months	172	64 (37.2)	59	17 (28.8)	32	10 (31.3)	81	37 (45.7)
6 months	170	50 (29.4)	58	15 (25.9)	32	7 (21.9)	80	28 (35.0)
12 months	165	28 (17.0)	57	10 (17.5)	31	****	77	14 (18.2)
WRIGHT								
Initiated	456	364 (79.8)	149	115 (77.2)	78	63 (80.8)	229	186 (81.2)
2 weeks	455	326 (71.6)	148	99 (66.9)	78	57 (73.1)	229	170 (74.2)
2 months	455	232 (51.0)	148	70 (47.3)	78	40 (51.3)	229	122 (53.3)
3 months	454	205 (45.2)	147	57 (38.8)	78	36 (46.2)	229	112 (48.9)
6 months	450	153 (34.0)	147	37 (25.2)	77	25 (32.5)	226	91 (40.3)
12 months	445	95 (21.3)	145	25 (17.2)	77	11 (14.3)	223	59 (26.5)

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) ¹⁶	83.9%		56.7%	35.0%
National Immunization Survey Data Minnesota (Infants born in 2018) ¹⁶	88.6%		66.2%	40.1%
Minnesota Birth Certificate Data (Infants born in 2019) ¹⁷	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 Community Health Board. Minnesota WIC Program: 2022.

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

¹ Community Health Board 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 [National Immunization Survey Data \(All 2017 births, accessed August 20, 2020\)](#)

¹⁷ [Breastfeeding Initiation for all Infants born in Minnesota Reports \(All Minnesota births with initiation data, accessed June 29, 2021\)](#)