

Preliminary Breastfeeding Initiation and Duration  
for Minnesota WIC Infants by City of Residence, CY 2019

Minnesota WIC Information System

CHB	City of Residence <sup>1</sup>	Total <sup>2</sup>	Initiated Breastfeeding <sup>3</sup>	Total Two Weeks <sup>4</sup>	Breastfed Two Weeks <sup>5</sup>	Total Two Months <sup>6</sup>	Breastfed Two Months <sup>7</sup>	Total Three Months <sup>8</sup>	Breastfed Three Months <sup>9</sup>	Total Six Months <sup>10</sup>	Breastfed Six Months <sup>11</sup>	Total Twelve Months <sup>12</sup>	Breastfed Twelve Months <sup>13</sup>
<b>MINNESOTA</b>	<b>MINNESOTA</b>	<b>26,307</b>	<b>21,501 (81.7)</b>	<b>26,131</b>	<b>19,356 (74.1)</b>	<b>25,865</b>	<b>14,700 (56.8)</b>	<b>25,867</b>	<b>12,977 (50.2)</b>	<b>25,521</b>	<b>9,683 (37.9)</b>	<b>24,771</b>	<b>5,233 (21.1)</b>
Aitkin Itasca-Koochiching	GRAND RAPIDS	112	86 (76.8)	112	80 (71.4)	112	60 (53.6)	112	54 (48.2)	112	42 (37.5)	106	21 (19.8)
Anoka	ANDOVER /RAMSEY	155	123 (79.4)	155	111 (71.6)	150	77 (51.3)	149	68 (45.6)	145	51 (35.2)	140	27 (19.3)
Anoka	ANOKA	94	♥ 77 (81.9)	93	59 (63.4)	91	34 (37.4)	89	31 (34.8)	89	20 (22.5)	83	8 (9.6)
Anoka	BLAINE	194	156 (80.4)	192	137 (71.4)	190	103 (54.2)	190	94 (49.5)	185	66 (35.7)	180	34 (18.9)
Anoka	CENTERVILLE /CIRCLE PINES /LINO LAKES /SPRING LK P	102	81 (79.4)	102	72 (70.6)	101	56 (55.4)	100	51 (51.0)	98	41 (41.8)	95	20 (21.1)
Anoka	COLUMBIA HEIGHTS	117	♥ 98 (83.8)	116	89 (76.7)	114	73 (64.0)	114	67 (58.8)	114	49 (43.0)	111	27 (24.3)
Anoka	COON RAPIDS	310	251 (81.0)	309	224 (72.5)	305	152 (49.8)	306	136 (44.4)	304	103 (33.9)	294	50 (17.0)
Anoka	FRIDLEY	204	♥ 168 (82.4)	204	154 (75.5)	203	124 (61.1)	202	106 (52.5)	200	71 (35.5)	195	33 (16.9)
Anoka	BETHEL /EAST BETHEL /HAM LAKE /ST. FRANCIS	73	58 (79.5)	71	46 (64.8)	70	28 (40.0)	70	23 (32.9)	70	15 (21.4)	70	10 (14.3)
Becker	DETROIT LAKES	84	♥ 69 (82.1)	84	62 (73.8)	84	44 (52.4)	84	38 (45.2)	84	33 (39.3)	84	21 (25.0)
Bloomington	BLOOMINGTON	321	♥ 286 (89.1)	320	270 (84.4)	315	222 (70.5)	313	200 (63.9)	304	150 (49.3)	293	87 (29.7)
Blue Earth	MANKATO	222	177 (79.7)	222	164 (73.9)	219	125 (57.1)	217	106 (48.8)	212	79 (37.3)	202	36 (17.8)
Carlton-Cook Lake-St. Louis	NORTHERN ST. LOUIS COUNTY (11 Municipalities)	304	243 (79.9)	304	217 (71.4)	300	140 (46.7)	299	118 (39.5)	292	46 (15.8)	286	32 (11.2)
Carlton-Cook Lake-St. Louis	CLOQUET	84	♥ 74 (88.1)	84	67 (79.8)	82	52 (63.4)	82	49 (59.8)	82	41 (50.0)	78	♥ 31 (39.7)
Carlton-Cook Lake-St. Louis	DULUTH	466	♥ 396 (85.0)	464	355 (76.5)	459	240 (52.3)	458	197 (43.0)	456	144 (31.6)	446	83 (18.6)
Carlton-Cook Lake-St. Louis	HIBBING	120	♥ 99 (82.5)	120	86 (71.7)	119	52 (43.7)	119	43 (36.1)	117	26 (22.2)	116	14 (12.1)
Carver	CARVER/ CHANHASSEN/ CHASKA	97	♥ 81 (83.5)	97	73 (75.3)	95	50 (52.6)	95	42 (44.2)	93	30 (32.3)	89	13 (14.6)
Clay Wilkin	MOORHEAD	301	♥ 254 (84.4)	301	230 (76.4)	293	174 (59.4)	292	154 (52.7)	288	114 (39.6)	282	69 (24.5)

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<b>MINNESOTA</b>	<b>MINNESOTA</b>	<b>26,307</b>	<b>♥ 21,501 (81.7)</b>	<b>26,131</b>	<b>19,356 (74.1)</b>	<b>25,865</b>	<b>14,700 (56.8)</b>	<b>25,867</b>	<b>12,977 (50.2)</b>	<b>25,521</b>	<b>9,683 (37.9)</b>	<b>24,771</b>	<b>5,233 (21.1)</b>
Crow Wing	BRAINERD	165	♥ 145 (87.9)	164	130 (79.3)	162	85 (52.5)	162	78 (48.1)	162	61 (37.7)	152	30 (19.7)
Dakota	APPLE VALLEY	141	♥ 126 (89.4)	141	114 (80.9)	141	91 (64.5)	140	85 (60.7)	136	66 (48.5)	129	38 (29.5)
Dakota	BURNSVILLE	362	♥ 337 (93.1)	360	308 (85.6)	356	245 (68.8)	354	224 (63.3)	347	171 (49.3)	330	84 (25.5)
Dakota	EAGAN	182	♥ 167 (91.8)	182	158 (86.8)	180	131 (72.8)	180	111 (61.7)	177	82 (46.3)	167	42 (25.1)
Dakota	FARMINGTON	77	♥ 67 (87.0)	77	61 (79.2)	76	48 (63.2)	76	42 (55.3)	76	33 (43.4)	72	15 (20.8)
Dakota	HASTINGS	70	♥ 56 (80.0)	70	43 (61.4)	70	27 (38.6)	70	27 (38.6)	70	21 (30.0)	63	9 (14.3)
Dakota	INVER GROVE HEIGHTS/ ROSEMOUNT	208	♥ 184 (88.5)	206	159 (77.2)	204	123 (60.3)	203	111 (54.7)	201	83 (41.3)	191	47 (24.6)
Dakota	LAKEVILLE	91	♥ 71 (78.0)	91	66 (72.5)	91	46 (50.5)	91	44 (48.4)	91	33 (36.3)	85	18 (21.2)
Dakota	SOUTH SAINT PAUL	94	♥ 78 (83.0)	94	73 (77.7)	94	56 (59.6)	94	53 (56.4)	93	40 (43.0)	87	20 (23.0)
Dakota	WEST SAINT PAUL	123	♥ 111 (90.2)	122	100 (82.0)	121	79 (65.3)	120	72 (60.0)	119	54 (45.4)	113	27 (23.9)
Edina	EDINA	34	♥ 31 (91.2)	34	31 (91.2)	34	30 (88.2)	34	♥ 28 (82.4)	34	♥ 23 (67.6)	32	♥ 12 (37.5)
Freeborn	ALBERT LEA	156	♥ 123 (78.8)	156	111 (71.2)	155	84 (54.2)	155	70 (45.2)	152	44 (28.9)	147	31 (21.1)
Goodhue	RED WING	87	♥ 78 (89.7)	87	73 (83.9)	87	43 (49.4)	87	34 (39.1)	87	17 (19.5)	86	8 (9.3)
Hennepin	BROOKLYN CENTER	345	♥ 236 (68.4)	342	210 (61.4)	338	168 (49.7)	335	142 (42.4)	331	93 (28.1)	315	42 (13.3)
Hennepin	BROOKLYN PARK	666	♥ 504 (75.7)	654	441 (67.4)	648	350 (54.0)	654	305 (46.6)	639	212 (33.2)	621	97 (15.6)
Hennepin	MAPLE GROVE/ OSSEO/ CHAMPLIN	199	♥ 169 (84.9)	199	165 (82.9)	195	136 (69.7)	193	118 (61.1)	186	86 (46.2)	178	45 (25.3)
Hennepin	CRYSTAL	120	♥ 97 (80.8)	116	89 (76.7)	115	72 (62.6)	116	68 (58.6)	114	51 (44.7)	109	30 (27.5)
Hennepin	EDEN PRAIRIE	113	♥ 106 (93.8)	113	104 (92.0)	113	80 (70.8)	112	76 (67.9)	112	65 (58.0)	106	♥ 38 (35.8)
Hennepin	MINNETONKA/ EXCELSIOR/ MAPLE PLAIN/ MOUND	69	♥ 64 (92.8)	67	60 (89.6)	65	44 (67.7)	64	40 (62.5)	63	33 (52.4)	59	15 (25.4)
Hennepin	GOLDEN VALLEY/ ROBBINSDALE	94	♥ 74 (78.7)	92	68 (73.9)	92	54 (58.7)	94	49 (52.1)	92	36 (39.1)	85	20 (23.5)
Hennepin	HOPKINS	154	♥ 139 (90.3)	153	130 (85.0)	150	112 (74.7)	151	105 (69.5)	147	80 (54.4)	138	37 (26.8)
Hennepin	MINNEAPOLIS	2,519	♥ 2,092 (83.0)	2,487	1,947 (78.3)	2,470	1,625 (65.8)	2,474	1,499 (60.6)	2,432	1,193 (49.1)	2,335	633 (27.1)
Hennepin	NEW HOPE	126	♥ 95 (75.4)	125	87 (69.6)	125	70 (56.0)	123	62 (50.4)	123	47 (38.2)	118	23 (19.5)
Hennepin	PLYMOUTH	139	♥ 117 (84.2)	139	110 (79.1)	135	93 (68.9)	135	87 (64.4)	131	61 (46.6)	128	33 (25.8)

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<b>MINNESOTA</b>	<b>MINNESOTA</b>	<b>26,307</b>	<b>21,501 (81.7)</b>	<b>26,131</b>	<b>19,356 (74.1)</b>	<b>25,865</b>	<b>14,700 (56.8)</b>	<b>25,867</b>	<b>12,977 (50.2)</b>	<b>25,521</b>	<b>9,683 (37.9)</b>	<b>24,771</b>	<b>5,233 (21.1)</b>
Hennepin	SAINT LOUIS PARK	141	♥ 119 (84.4)	135	109 (80.7)	133	89 (66.9)	134	77 (57.5)	133	64 (48.1)	128	39 (30.5)
Horizon	ALEXANDRIA	85	66 (77.6)	85	64 (75.3)	84	48 (57.1)	83	42 (50.6)	82	30 (36.6)	82	18 (22.0)
Isanti	CAMBRIDGE	83	♥ 69 (83.1)	83	61 (73.5)	83	45 (54.2)	83	38 (45.8)	81	29 (35.8)	78	18 (23.1)
Kandiyohi-Renville	WILLMAR	285	♥ 243 (85.3)	285	216 (75.8)	285	186 (65.3)	284	164 (57.7)	284	117 (41.2)	277	48 (17.3)
Meeker McLeod Sibley	HUTCHINSON	75	61 (81.3)	75	51 (68.0)	73	40 (54.8)	73	35 (47.9)	70	27 (38.6)	67	17 (25.4)
Morrison-Todd-Wadena	LITTLE FALLS	89	68 (76.4)	89	65 (73.0)	88	44 (50.0)	88	35 (39.8)	88	28 (31.8)	88	18 (20.5)
Mower	AUSTIN	300	♥ 258 (86.0)	290	215 (74.1)	287	150 (52.3)	291	133 (45.7)	291	92 (31.6)	286	58 (20.3)
Nobles	WORTHINGTON	231	180 (77.9)	230	164 (71.3)	228	124 (54.4)	227	108 (47.6)	226	74 (32.7)	221	42 (19.0)
North Country	BEMIDJI	187	151 (80.7)	185	123 (66.5)	184	94 (51.1)	184	83 (45.1)	181	64 (35.4)	178	47 (26.4)
Olmsted	ROCHESTER	629	♥ 567 (90.1)	616	496 (80.5)	606	369 (60.9)	616	322 (52.3)	607	233 (38.4)	597	145 (24.3)
Otter Tail	FERGUS FALLS	87	♥ 75 (86.2)	87	64 (73.6)	86	44 (51.2)	86	34 (39.5)	85	27 (31.8)	84	18 (21.4)
Quin	THIEF RIVER FALLS	80	59 (73.8)	80	54 (67.5)	77	37 (48.1)	77	34 (44.2)	77	29 (37.7)	74	16 (21.6)
Ramsey	ARDEN HILLS/ SHOREVIEW/ VADNAIS HEIGHTS	95	76 (80.0)	95	69 (72.6)	95	59 (62.1)	94	50 (53.2)	92	33 (35.9)	91	21 (23.1)
Ramsey	LITTLE CANADA/ NORTH ST. PAUL	113	85 (75.2)	111	69 (62.2)	110	44 (40.0)	112	38 (33.9)	109	30 (27.5)	108	16 (14.8)
Ramsey	MAPLEWOOD	234	177 (75.6)	230	151 (65.7)	229	124 (54.1)	230	108 (47.0)	230	71 (30.9)	226	40 (17.7)
Ramsey	MOUNDS VIEW	72	57 (79.2)	70	48 (68.6)	70	35 (50.0)	71	31 (43.7)	68	18 (26.5)	67	9 (13.4)
Ramsey	NEW BRIGHTON	138	♥ 126 (91.3)	138	118 (85.5)	137	102 (74.5)	137	92 (67.2)	135	73 (54.1)	132	41 (31.1)
Ramsey	ROSEVILLE	128	♥ 112 (87.5)	128	102 (79.7)	127	92 (72.4)	127	88 (69.3)	127	71 (55.9)	125	40 (32.0)
Ramsey	SAINT PAUL	3,203	2,445 (76.3)	3,177	2,168 (68.2)	3,151	1,673 (53.1)	3,158	1,451 (45.9)	3,113	1,051 (33.8)	3,072	554 (18.0)
Ramsey	WHITE BEAR LAKE	102	♥ 87 (85.3)	98	77 (78.6)	96	64 (66.7)	96	55 (57.3)	95	41 (43.2)	89	20 (22.5)
Rice	FARIBAULT	248	♥ 222 (89.5)	248	207 (83.5)	245	168 (68.6)	244	150 (61.5)	242	115 (47.5)	238	59 (24.8)
Rice	NORTHFIELD	46	♥ 41 (89.1)	46	34 (73.9)	44	16 (36.4)	44	13 (29.5)	44	11 (25.0)	44	7 (15.9)

♥ Percent meets Health People 2020 objective  
Minnesota Department of Health WIC Program

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<b>MINNESOTA</b>	<b>MINNESOTA</b>	<b>26,307</b>	<b>21,501 (81.7)</b>	<b>26,131</b>	<b>19,356 (74.1)</b>	<b>25,865</b>	<b>14,700 (56.8)</b>	<b>25,867</b>	<b>12,977 (50.2)</b>	<b>25,521</b>	<b>9,683 (37.9)</b>	<b>24,771</b>	<b>5,233 (21.1)</b>
Richfield	RICHFIELD	200	♥ 183 (91.5)	200	175 (87.5)	198	142 (71.7)	198	133 (67.2)	194	111 (57.2)	189	♥ 74 (39.2)
Scott	PRIOR LAKE/ SAVAGE	172	♥ 150 (87.2)	170	136 (80.0)	168	104 (61.9)	168	95 (56.5)	161	67 (41.6)	154	35 (22.7)
Scott	SHAKOPEE	221	♥ 195 (88.2)	221	168 (76.0)	221	136 (61.5)	219	116 (53.0)	218	86 (39.4)	205	30 (14.6)
Sherburne	BIG LAKE/ CLEAR LAKE/ BECKER	114	♥ 98 (86.0)	112	88 (78.6)	111	73 (65.8)	112	71 (63.4)	111	60 (54.1)	105	30 (28.6)
Sherburne	ELK RIVER/ ZIMMERMAN	143	116 (81.1)	143	108 (75.5)	143	80 (55.9)	142	70 (49.3)	141	48 (34.0)	134	28 (20.9)
Stearns	ST. CLOUD	699	♥ 588 (84.1)	699	570 (81.5)	694	488 (70.3)	691	439 (63.5)	680	337 (49.6)	659	159 (24.1)
Stearns	SARTELL/ SAUK RAPIDS/ SAUK CENTER	174	130 (74.7)	174	121 (69.5)	173	100 (57.8)	173	86 (49.7)	171	64 (37.4)	162	32 (19.8)
Stearns	ST. JOSEPH/ WAITE PARK	188	♥ 164 (87.2)	188	157 (83.5)	187	134 (71.7)	187	118 (63.1)	186	97 (52.2)	184	46 (25.0)
Steele	OWATONNA	190	♥ 170 (89.5)	188	144 (76.6)	187	100 (53.5)	188	87 (46.3)	186	61 (32.8)	178	29 (16.3)
Southwest Health and	MARSHALL	133	104 (78.2)	133	101 (75.9)	133	72 (54.1)	131	63 (48.1)	127	44 (34.6)	127	27 (21.3)
Washington	COTTAGE GROVE/ ST. PAUL PARK	168	135 (80.4)	168	118 (70.2)	164	81 (49.4)	164	68 (41.5)	164	52 (31.7)	160	26 (16.3)
Washington	FOREST LAKE/ HUGO	116	95 (81.9)	116	81 (69.8)	115	55 (47.8)	115	45 (39.1)	114	34 (29.8)	113	21 (18.6)
Washington	OAKDALE	163	127 (77.9)	161	106 (65.8)	160	75 (46.9)	162	59 (36.4)	160	45 (28.1)	155	20 (12.9)
Washington	LAKE ELMO/ MAHTOMEDI/	93	♥ 82 (88.2)	93	67 (72.0)	93	50 (53.8)	93	44 (47.3)	91	30 (33.0)	90	19 (21.1)
Washington	NEWPORT/ WOODBURY	187	153 (81.8)	187	145 (77.5)	186	109 (58.6)	186	98 (52.7)	181	73 (40.3)	172	31 (18.0)
Winona	WINONA	120	95 (79.2)	119	79 (66.4)	118	43 (36.4)	118	38 (32.2)	117	28 (23.9)	113	15 (13.3)
Wright	BUFFALO/ ST. MICHAEL	110	85 (77.3)	110	77 (70.0)	110	51 (46.4)	110	46 (41.8)	108	34 (31.5)	107	22 (20.6)
Wright	MONTICELLO/ OTSEGO	141	♥ 117 (83.0)	141	104 (73.8)	141	84 (59.6)	140	73 (52.1)	138	56 (40.6)	136	38 (27.9)

<a href="https://www.health.state.mn.us/people/wic/10/calagency/reports/bf/healthequity/all/index.html">https://www.health.state.mn.us/people/wic/10/calagency/reports/bf/healthequity/all/index.html</a>	Breastfeeding Initiation	Breastfeeding at Three months	Breastfeeding at Six months	Breastfeeding at Twelve months
<b>Healthy People 2020 Objectives</b> * Percent met Healthy People 2020 Objective	81.9%		60.6%	34.1%
<b>Minnesota WIC Program 2020 Objective</b>		70.0%		
<b>National Immunization Survey Data Nationwide (Infants born in 2018)<sup>14</sup></b>	83.9%		56.7%	35.0%
<b>National Immunization Survey Data Minnesota (Infants born in 2018)<sup>14</sup></b>	88.6%		66.2%	40.1%
<b>Minnesota Birth Certificate Data (Infants born in 2019)<sup>15</sup></b>	89.6%			

Suggested citation: Minnesota WIC Information System. Preliminary Breastfeeding Initiation and Duration at Two Weeks and Two, Three, Six and Twelve Months for Minnesota WIC Infants Born During Calendar Year 2019 by City of Residence. Minnesota WIC Program: 2022.

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

<sup>1</sup> City where the infant lived when first enrolled in WIC

<sup>2</sup> Total number of MN WIC infants born during year with breastfeeding information

<sup>3</sup> Number of MN WIC infants who ever breastfed (percentage of total MN WIC infants born during year with breastfeeding information)

<sup>4</sup> Total number of MN WIC infants born during year with breastfeeding duration information at two weeks of age as of June 25, 2021

<sup>5</sup> Number of MN WIC infants who continued to breastfeed at two weeks of age (percentage of total MN WIC infants with breastfeeding information at two weeks of age)

<sup>6</sup> Total number of MN WIC infants born during year with breastfeeding information at two months of age as of June 25, 2021

<sup>7</sup> Number of MN WIC infants who continue to breastfeed at two months of age (percentage of total MN WIC infants with breastfeeding information at two months of age)

<sup>8</sup> Total number of MN WIC infants born during year with breastfeeding duration information at three months of age as of June 25, 2021

<sup>9</sup> Number of MN WIC infants who continued to breastfeed at three months of age (percentage of total MN WIC infants with breastfeeding information at three months of age)

<sup>10</sup> Total number of MN WIC infants born during year with breastfeeding information at six months of age as of June 25, 2021

<sup>11</sup> Number of MN WIC infants who continue to breastfeed at six months of age (percentage of total MN WIC infants with breastfeeding information at six months of age)

<sup>12</sup> Total number of MN WIC infants born during year with breastfeeding duration information at twelve months of age as of June 25, 2021

<sup>13</sup> Number of MN WIC infants who continued to breastfeed at twelve months of age (percentage of total MN WIC infants with breastfeeding information at twelve months of age)

<sup>14</sup> [National Immunization Survey Data \(All 2018 births, accessed August 3, 2021\)](#)

[15 Breastfeeding Among All Infants born in Minnesota Reports \(All Minnesota births with initiation data, accessed August 2, 2021\)](#)

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