

Enrollment in Minnesota WIC by Mothers of Infants Born in Minnesota by Birth Order and Community Health Board, CY 2019

Minnesota WIC Information System

Birth Order ¹ by CHB	Minnesota Births			Infants enrolled in WIC: Mother Enrolled		
	Total infants ²	Infants not enrolled in WIC ³	Infants enrolled in WIC ⁴	Postpartum /infant only ⁵	< 3 months of pregnancy ⁶	3 or more months of pregnancy ⁷
MINNESOTA						
Total	63,757	39,096 (61.3)	24,661 (38.7)	7,570 (30.7)	4,262 (17.3)	12,829 (52.0)
first child	22,890	15,550 (67.9)	7,340 (32.1)	2,387 (32.5)	1,484 (20.2)	3,469 (47.3)
2nd child	20,438	13,949 (68.3)	6,489 (31.7)	1,989 (30.7)	1,066 (16.4)	3,434 (52.9)
3rd child	11,035	6,169 (55.9)	4,866 (44.1)	1,491 (30.6)	798 (16.4)	2,577 (53.0)
4th+ child	9,394	3,428 (36.5)	5,966 (63.5)	1,703 (28.5)	914 (15.3)	3,349 (56.1)
AITKIN-ITASCA-KOOCHICHING						
Total	632	302 (47.8)	330 (52.2)	114 (34.5)	48 (14.5)	168 (50.9)
first child	214	109 (50.9)	105 (49.1)	36 (34.3)	17 (16.2)	52 (49.5)
2nd child	188	102 (54.3)	86 (45.7)	27 (31.4)	11 (12.8)	48 (55.8)
3rd child	123	55 (44.7)	68 (55.3)	25 (36.8)	10 (14.7)	33 (48.5)
4th+ child	107	36 (33.6)	71 (66.4)	26 (36.6)	10 (14.1)	35 (49.3)
ANOKA						
Total	4,150	2,716 (65.4)	1,434 (34.6)	498 (34.7)	256 (17.9)	680 (47.4)
first child	1,480	1,075 (72.6)	405 (27.4)	153 (37.8)	88 (21.7)	164 (40.5)
2nd child	1,377	999 (72.5)	378 (27.5)	134 (35.4)	65 (17.2)	179 (47.4)
3rd child	745	427 (57.3)	318 (42.7)	109 (34.3)	51 (16.0)	158 (49.7)
4th+ child	548	215 (39.2)	333 (60.8)	102 (30.6)	52 (15.6)	179 (53.8)
BELTRAMI						
Total	637	228 (35.8)	409 (64.2)	139 (34.0)	68 (16.6)	202 (49.4)
first child	205	95 (46.3)	110 (53.7)	33 (30.0)	20 (18.2)	57 (51.8)
2nd child	172	73 (42.4)	99 (57.6)	29 (29.3)	15 (15.2)	55 (55.6)
3rd child	115	34 (29.6)	81 (70.4)	27 (33.3)	14 (17.3)	40 (49.4)
4th+ child	145	26 (17.9)	119 (82.1)	50 (42.0)	19 (16.0)	50 (42.0)
BENTON						
Total	522	307 (58.8)	215 (41.2)	99 (46.0)	28 (13.0)	88 (40.9)
first child	179	113 (63.1)	66 (36.9)	32 (48.5)	13 (19.7)	21 (31.8)
2nd child	170	100 (58.8)	70 (41.2)	27 (38.6)	8 (11.4)	35 (50.0)
3rd child	96	58 (60.4)	38 (39.6)	24 (63.2)	<5	11 (28.9)
4th+ child	77	36 (46.8)	41 (53.2)	16 (39.0)	<5	21 (51.2)
BLUE EARTH						
Total	723	421 (58.2)	302 (41.8)	94 (31.1)	73 (24.2)	135 (44.7)
first child	298	186 (62.4)	112 (37.6)	32 (28.6)	33 (29.5)	47 (42.0)
2nd child	214	138 (64.5)	76 (35.5)	31 (40.8)	17 (22.4)	28 (36.8)
3rd child	122	68 (55.7)	54 (44.3)	16 (29.6)	15 (27.8)	23 (42.6)
4th+ child	89	29 (32.6)	60 (67.4)	15 (25.0)	8 (13.3)	37 (61.7)
BROWN-NICOLLET						
Total	562	354 (63.0)	208 (37.0)	49 (23.6)	44 (21.2)	115 (55.3)
first child	211	143 (67.8)	68 (32.2)	24 (35.3)	17 (25.0)	27 (39.7)
2nd child	194	132 (68.0)	62 (32.0)	13 (21.0)	11 (17.7)	38 (61.3)
3rd child	101	61 (60.4)	40 (39.6)	<5	5 (12.5)	31 (77.5)
4th+ child	56	18 (32.1)	38 (67.9)	8 (21.1)	11 (28.9)	19 (50.0)
CARLTON-COOK-LAKE ST. LOUIS						
Total	2,394	1,376 (57.5)	1,018 (42.5)	340 (33.4)	141 (13.9)	537 (52.8)
first child	898	538 (59.9)	360 (40.1)	119 (33.1)	58 (16.1)	183 (50.8)
2nd child	804	488 (60.7)	316 (39.3)	99 (31.3)	35 (11.1)	182 (57.6)
3rd child	389	224 (57.6)	165 (42.4)	69 (41.8)	25 (15.2)	71 (43.0)
4th+ child	303	126 (41.6)	177 (58.4)	53 (29.9)	23 (13.0)	101 (57.1)

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CARVER						
Total	1,157	1,011 (87.4)	146 (12.6)	47 (32.2)	32 (21.9)	67 (45.9)
first child	410	369 (90.0)	41 (10.0)	17 (41.5)	10 (24.4)	14 (34.1)
2nd child	431	398 (92.3)	33 (7.7)	12 (36.4)	7 (21.2)	14 (42.4)
3rd child	204	177 (86.8)	27 (13.2)	9 (****)	5 (****)	13 (****)
4th+ child	112	67 (59.8)	45 (40.2)	9 (20.0)	10 (22.2)	26 (57.8)
CASS						
Total	271	90 (33.2)	181 (66.8)	52 (28.7)	32 (17.7)	97 (53.6)
first child	96	38 (39.6)	58 (60.4)	15 (25.9)	15 (25.9)	28 (48.3)
2nd child	64	18 (28.1)	46 (71.9)	14 (30.4)	8 (17.4)	24 (52.2)
3rd child	48	15 (31.3)	33 (68.8)	10 (30.3)	<5	20 (60.6)
4th+ child	63	19 (30.2)	44 (69.8)	13 (29.5)	6 (13.6)	25 (56.8)
CHISAGO						
Total	528	364 (68.9)	164 (31.1)	61 (37.2)	22 (13.4)	81 (49.4)
first child	180	131 (72.8)	49 (27.2)	20 (40.8)	6 (12.2)	23 (46.9)
2nd child	183	134 (73.2)	49 (26.8)	16 (32.7)	<5	30 (61.2)
3rd child	99	61 (61.6)	38 (38.4)	13 (34.2)	8 (21.1)	17 (44.7)
4th+ child	66	38 (57.6)	28 (42.4)	12 (****)	5 (****)	11 (****)
COUNTRYSIDE						
Total	446	222 (49.8)	224 (50.2)	55 (24.6)	32 (14.3)	137 (61.2)
first child	163	88 (54.0)	75 (46.0)	17 (22.7)	11 (14.7)	47 (62.7)
2nd child	122	67 (54.9)	55 (45.1)	14 (25.5)	8 (14.5)	33 (60.0)
3rd child	101	42 (41.6)	59 (58.4)	14 (23.7)	8 (13.6)	37 (62.7)
4th+ child	60	25 (41.7)	35 (58.3)	10 (28.6)	5 (14.3)	20 (57.1)
CROW WING						
Total	637	329 (51.6)	308 (48.4)	80 (26.0)	50 (16.2)	178 (57.8)
first child	221	115 (52.0)	106 (48.0)	26 (24.5)	17 (16.0)	63 (59.4)
2nd child	202	113 (55.9)	89 (44.1)	18 (20.2)	16 (18.0)	55 (61.8)
3rd child	125	64 (51.2)	61 (48.8)	21 (34.4)	10 (16.4)	30 (49.2)
4th+ child	89	37 (41.6)	52 (58.4)	15 (28.8)	7 (13.5)	30 (57.7)
DAKOTA						
Total	5,138	3,653 (71.1)	1,485 (28.9)	563 (37.9)	286 (19.3)	636 (42.8)
first child	1,869	1,388 (74.3)	481 (25.7)	210 (43.7)	97 (20.2)	174 (36.2)
2nd child	1,791	1,391 (77.7)	400 (22.3)	144 (36.0)	86 (21.5)	170 (42.5)
3rd child	890	579 (65.1)	311 (34.9)	94 (30.2)	59 (19.0)	158 (50.8)
4th+ child	588	295 (50.2)	293 (49.8)	115 (39.2)	44 (15.0)	134 (45.7)
DES MOINES VALLEY						
Total	179	88 (49.2)	91 (50.8)	24 (26.4)	18 (19.8)	49 (53.8)
first child	64	39 (60.9)	25 (39.1)	7 (****)	6 (****)	12 (****)
2nd child	49	23 (46.9)	26 (53.1)	<5	5 (****)	17 (****)
3rd child	35	14 (40.0)	21 (60.0)	7 (****)	<5	11 (****)
4th+ child	31	12 (38.7)	19 (61.3)	6 (****)	<5	9 (****)
DODGE-STEELE						
Total	673	405 (60.2)	268 (39.8)	69 (25.7)	39 (14.6)	160 (59.7)
first child	221	146 (66.1)	75 (33.9)	18 (24.0)	14 (18.7)	43 (57.3)
2nd child	232	154 (66.4)	78 (33.6)	22 (28.2)	9 (11.5)	47 (60.3)
3rd child	124	75 (60.5)	49 (39.5)	15 (30.6)	5 (10.2)	29 (59.2)
4th+ child	96	30 (31.3)	66 (68.8)	14 (21.2)	11 (16.7)	41 (62.1)

(.....) Percent not calculated for locations with fewer than 30 participants

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FARIBAULT MARTIN						
Total	387	186 (48.1)	201 (51.9)	51 (25.4)	32 (15.9)	118 (58.7)
first child	120	60 (50.0)	60 (50.0)	13 (21.7)	10 (16.7)	37 (61.7)
2nd child	116	62 (53.4)	54 (46.6)	11 (20.4)	8 (14.8)	35 (64.8)
3rd child	82	40 (48.8)	42 (51.2)	10 (23.8)	9 (21.4)	23 (54.8)
4th+ child	69	24 (34.8)	45 (65.2)	17 (37.8)	5 (11.1)	23 (51.1)
FILLMORE HOUSTON						
Total	204	131 (64.2)	73 (35.8)	25 (34.2)	17 (23.3)	31 (42.5)
first child	67	45 (67.2)	22 (32.8)	10 (****)	<5	8 (****)
2nd child	72	42 (58.3)	30 (41.7)	11 (36.7)	8 (26.7)	11 (36.7)
3rd child	31	17 (54.8)	14 (45.2)	<5	<5	7 (****)
4th+ child	34	27 (79.4)	7 (20.6)	<5	<5	5 (****)
FREEBORN						
Total	315	116 (36.8)	199 (63.2)	45 (22.6)	32 (16.1)	122 (61.3)
first child	110	51 (46.4)	59 (53.6)	13 (22.0)	10 (16.9)	36 (61.0)
2nd child	104	40 (38.5)	64 (61.5)	15 (23.4)	13 (20.3)	36 (56.3)
3rd child	57	17 (29.8)	40 (70.2)	12 (30.0)	<5	26 (65.0)
4th+ child	44	8 (18.2)	36 (81.8)	5 (13.9)	7 (19.4)	24 (66.7)
GOODHUE						
Total	505	346 (68.5)	159 (31.5)	52 (32.7)	25 (15.7)	82 (51.6)
first child	178	130 (73.0)	48 (27.0)	17 (35.4)	9 (18.8)	22 (45.8)
2nd child	173	120 (69.4)	53 (30.6)	16 (30.2)	5 (9.4)	32 (60.4)
3rd child	95	62 (65.3)	33 (34.7)	10 (30.3)	6 (18.2)	17 (51.5)
4th+ child	59	34 (57.6)	25 (42.4)	9 (****)	5 (****)	11 (****)
HENNEPIN - BLOOMINGTON						
Total	935	601 (64.3)	334 (35.7)	107 (32.0)	69 (20.7)	158 (47.3)
first child	396	290 (73.2)	106 (26.8)	32 (30.2)	26 (24.5)	48 (45.3)
2nd child	293	213 (72.7)	80 (27.3)	26 (32.5)	15 (18.8)	39 (48.8)
3rd child	129	67 (51.9)	62 (48.1)	25 (40.3)	11 (17.7)	26 (41.9)
4th+ child	117	31 (26.5)	86 (73.5)	24 (27.9)	17 (19.8)	45 (52.3)
HENNEPIN - EDINA						
Total	464	435 (93.8)	29 (6.3)	12 (****)	5 (****)	12 (****)
first child	165	161 (97.6)	<5	<5	<5	<5
2nd child	193	182 (94.3)	11 (5.7)	5 (****)	<5	5 (****)
3rd child	79	74 (93.7)	5 (6.3)	<5	<5	<5
4th+ child	27	18 (****)	9 (****)	<5	<5	5 (****)
HENNEPIN - RICHFIELD						
Total	494	329 (66.6)	165 (33.4)	64 (38.8)	28 (17.0)	73 (44.2)
first child	238	173 (72.7)	65 (27.3)	28 (43.1)	9 (13.8)	28 (43.1)
2nd child	153	106 (69.3)	47 (30.7)	15 (31.9)	8 (17.0)	24 (51.1)
3rd child	60	34 (56.7)	26 (43.3)	10 (****)	<5	12 (****)
4th+ child	43	16 (37.2)	27 (62.8)	11 (****)	7 (****)	9 (****)
HENNEPIN -MINNEAPOLIS						
Total	5,476	2,839 (51.8)	2,637 (48.2)	927 (35.2)	423 (16.0)	1,287 (48.8)
first child	2,281	1,501 (65.8)	780 (34.2)	295 (37.8)	147 (18.8)	338 (43.3)
2nd child	1,519	930 (61.2)	589 (38.8)	211 (35.8)	95 (16.1)	283 (48.0)
3rd child	712	266 (37.4)	446 (62.6)	156 (35.0)	64 (14.3)	226 (50.7)
4th+ child	964	142 (14.7)	822 (85.3)	265 (32.2)	117 (14.2)	440 (53.5)

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HENNEPIN -SUBURBAN						
Total	7,941	5,636 (71.0)	2,305 (29.0)	870 (37.7)	405 (17.6)	1,030 (44.7)
first child	3,031	2,361 (77.9)	670 (22.1)	274 (40.9)	145 (21.6)	251 (37.5)
2nd child	2,683	2,117 (78.9)	566 (21.1)	214 (37.8)	98 (17.3)	254 (44.9)
3rd child	1,314	836 (63.6)	478 (36.4)	180 (37.7)	72 (15.1)	226 (47.3)
4th+ child	913	322 (35.3)	591 (64.7)	202 (34.2)	90 (15.2)	299 (50.6)
HORIZON						
Total	1,160	869 (74.9)	291 (25.1)	86 (29.6)	43 (14.8)	162 (55.7)
first child	410	322 (78.5)	88 (21.5)	23 (26.1)	11 (12.5)	54 (61.4)
2nd child	381	297 (78.0)	84 (22.0)	23 (27.4)	15 (17.9)	46 (54.8)
3rd child	215	145 (67.4)	70 (32.6)	25 (35.7)	8 (11.4)	37 (52.9)
4th+ child	154	105 (68.2)	49 (31.8)	15 (30.6)	9 (18.4)	25 (51.0)
ISANTI						
Total	436	256 (58.7)	180 (41.3)	61 (33.9)	22 (12.2)	97 (53.9)
first child	162	94 (58.0)	68 (42.0)	27 (39.7)	13 (19.1)	28 (41.2)
2nd child	138	88 (63.8)	50 (36.2)	15 (30.0)	<5	31 (62.0)
3rd child	75	44 (58.7)	31 (41.3)	8 (25.8)	<5	20 (64.5)
4th+ child	61	30 (49.2)	31 (50.8)	11 (35.5)	<5	18 (58.1)
KANABEC						
Total	153	81 (52.9)	72 (47.1)	11 (15.3)	14 (19.4)	47 (65.3)
first child	53	33 (62.3)	20 (37.7)	<5	<5	14 (****)
2nd child	55	28 (50.9)	27 (49.1)	<5	7 (****)	17 (****)
3rd child	20	8 (****)	12 (****)	<5	<5	7 (****)
4th+ child	25	12 (****)	13 (****)	<5	<5	9 (****)
KANDIYOHI RENVILLE						
Total	715	270 (37.8)	445 (62.2)	66 (14.8)	72 (16.2)	307 (69.0)
first child	201	94 (46.8)	107 (53.2)	18 (16.8)	18 (16.8)	71 (66.4)
2nd child	215	89 (41.4)	126 (58.6)	17 (13.5)	23 (18.3)	86 (68.3)
3rd child	134	50 (37.3)	84 (62.7)	17 (20.2)	9 (10.7)	58 (69.0)
4th+ child	165	37 (22.4)	128 (77.6)	14 (10.9)	22 (17.2)	92 (71.9)
LE SUEUR-WASECA						
Total	475	291 (61.3)	184 (38.7)	54 (29.3)	35 (19.0)	95 (51.6)
first child	147	89 (60.5)	58 (39.5)	19 (32.8)	12 (20.7)	27 (46.6)
2nd child	173	117 (67.6)	56 (32.4)	15 (26.8)	8 (14.3)	33 (58.9)
3rd child	90	54 (60.0)	36 (40.0)	14 (38.9)	8 (22.2)	14 (38.9)
4th+ child	65	31 (47.7)	34 (52.3)	6 (17.6)	7 (20.6)	21 (61.8)
MEEKER MCLEOD SIBLEY						
Total	812	478 (58.9)	334 (41.1)	82 (24.6)	48 (14.4)	204 (61.1)
first child	265	172 (64.9)	93 (35.1)	19 (20.4)	15 (16.1)	59 (63.4)
2nd child	245	154 (62.9)	91 (37.1)	28 (30.8)	14 (15.4)	49 (53.8)
3rd child	142	73 (51.4)	69 (48.6)	17 (24.6)	9 (13.0)	43 (62.3)
4th+ child	160	79 (49.4)	81 (50.6)	18 (22.2)	10 (12.3)	53 (65.4)
MILLE LACS						
Total	281	130 (46.3)	151 (53.7)	41 (27.2)	20 (13.2)	90 (59.6)
first child	95	44 (46.3)	51 (53.7)	13 (25.5)	7 (13.7)	31 (60.8)
2nd child	83	38 (45.8)	45 (54.2)	14 (31.1)	6 (13.3)	25 (55.6)
3rd child	46	24 (52.2)	22 (47.8)	<5	<5	16 (****)
4th+ child	57	24 (42.1)	33 (57.9)	11 (33.3)	<5	18 (54.5)

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MORRISON-TODD-WADENA						
Total	845	472 (55.9)	373 (44.1)	131 (35.1)	51 (13.7)	191 (51.2)
first child	233	128 (54.9)	105 (45.1)	32 (30.5)	21 (20.0)	52 (49.5)
2nd child	265	153 (57.7)	112 (42.3)	39 (34.8)	12 (10.7)	61 (54.5)
3rd child	177	95 (53.7)	82 (46.3)	33 (40.2)	11 (13.4)	38 (46.3)
4th+ child	170	96 (56.5)	74 (43.5)	27 (36.5)	7 (9.5)	40 (54.1)
MOWER						
Total	543	208 (38.3)	335 (61.7)	99 (29.6)	61 (18.2)	175 (52.2)
first child	173	71 (41.0)	102 (59.0)	28 (27.5)	25 (24.5)	49 (48.0)
2nd child	152	70 (46.1)	82 (53.9)	26 (31.7)	12 (14.6)	44 (53.7)
3rd child	117	41 (35.0)	76 (65.0)	25 (32.9)	12 (15.8)	39 (51.3)
4th+ child	101	26 (25.7)	75 (74.3)	20 (26.7)	12 (16.0)	43 (57.3)
NOBLES						
Total	295	74 (25.1)	221 (74.9)	36 (16.3)	56 (25.3)	129 (58.4)
first child	87	17 (19.5)	70 (80.5)	11 (15.7)	13 (18.6)	46 (65.7)
2nd child	80	31 (38.8)	49 (61.3)	6 (12.2)	16 (32.7)	27 (55.1)
3rd child	70	18 (25.7)	52 (74.3)	9 (17.3)	19 (36.5)	24 (46.2)
4th+ child	58	8 (13.8)	50 (86.2)	10 (20.0)	8 (16.0)	32 (64.0)
NORTH COUNTRY						
Total	329	153 (46.5)	176 (53.5)	39 (22.2)	29 (16.5)	108 (61.4)
first child	87	36 (41.4)	51 (58.6)	9 (17.6)	13 (25.5)	29 (56.9)
2nd child	104	46 (44.2)	58 (55.8)	14 (24.1)	8 (13.8)	36 (62.1)
3rd child	70	34 (48.6)	36 (51.4)	8 (22.2)	7 (19.4)	21 (58.3)
4th+ child	68	37 (54.4)	31 (45.6)	8 (25.8)	<5	22 (71.0)
OLMSTED						
Total	2,016	1,372 (68.1)	644 (31.9)	150 (23.3)	113 (17.5)	381 (59.2)
first child	786	573 (72.9)	213 (27.1)	53 (24.9)	42 (19.7)	118 (55.4)
2nd child	653	485 (74.3)	168 (25.7)	44 (26.2)	26 (15.5)	98 (58.3)
3rd child	311	201 (64.6)	110 (35.4)	21 (19.1)	23 (20.9)	66 (60.0)
4th+ child	266	113 (42.5)	153 (57.5)	32 (20.9)	22 (14.4)	99 (64.7)
PARTNERSHIP 4 HEALTH						
Total	950	499 (52.5)	451 (47.5)	114 (25.3)	88 (19.5)	249 (55.2)
first child	284	154 (54.2)	130 (45.8)	28 (21.5)	30 (23.1)	72 (55.4)
2nd child	274	163 (59.5)	111 (40.5)	29 (26.1)	21 (18.9)	61 (55.0)
3rd child	181	92 (50.8)	89 (49.2)	17 (19.1)	18 (20.2)	54 (60.7)
4th+ child	211	90 (42.7)	121 (57.3)	40 (33.1)	19 (15.7)	62 (51.2)
PINE						
Total	241	105 (43.6)	136 (56.4)	35 (25.7)	22 (16.2)	79 (58.1)
first child	84	37 (44.0)	47 (56.0)	12 (25.5)	7 (14.9)	28 (59.6)
2nd child	67	30 (44.8)	37 (55.2)	6 (16.2)	9 (24.3)	22 (59.5)
3rd child	44	15 (34.1)	29 (65.9)	10 (****)	<5	15 (****)
4th+ child	46	23 (50.0)	23 (50.0)	7 (****)	<5	14 (****)
POLK-NORMAN-MAHNOMEN						
Total	312	158 (50.6)	154 (49.4)	36 (23.4)	35 (22.7)	83 (53.9)
first child	100	51 (51.0)	49 (49.0)	9 (18.4)	13 (26.5)	27 (55.1)
2nd child	82	45 (54.9)	37 (45.1)	11 (29.7)	5 (13.5)	21 (56.8)
3rd child	64	31 (48.4)	33 (51.6)	5 (15.2)	10 (30.3)	18 (54.5)
4th+ child	66	31 (47.0)	35 (53.0)	11 (31.4)	7 (20.0)	17 (48.6)

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Minnesota WIC Information System

Birth Order ¹ by CHB	Minnesota Births			Infants enrolled in WIC: Mother Enrolled		
	Total infants ²	Infants not enrolled in WIC ³	Infants enrolled in WIC ⁴	Postpartum /infant only ⁵	< 3 months of pregnancy ⁶	3 or more months of pregnancy ⁷
QUIN						
Total	411	202 (49.1)	209 (50.9)	72 (34.4)	28 (13.4)	109 (52.2)
first child	142	73 (51.4)	69 (48.6)	31 (44.9)	13 (18.8)	25 (36.2)
2nd child	119	55 (46.2)	64 (53.8)	14 (21.9)	8 (12.5)	42 (65.6)
3rd child	83	45 (54.2)	38 (45.8)	12 (31.6)	<5	22 (57.9)
4th+ child	67	29 (43.3)	38 (56.7)	15 (39.5)	<5	20 (52.6)
RAMSEY						
Total	7,102	3,290 (46.3)	3,812 (53.7)	921 (24.2)	698 (18.3)	2,193 (57.5)
first child	2,476	1,443 (58.3)	1,033 (41.7)	240 (23.2)	241 (23.3)	552 (53.4)
2nd child	2,138	1,147 (53.6)	991 (46.4)	258 (26.0)	160 (16.1)	573 (57.8)
3rd child	1,232	453 (36.8)	779 (63.2)	199 (25.5)	127 (16.3)	453 (58.2)
4th+ child	1,256	247 (19.7)	1,009 (80.3)	224 (22.2)	170 (16.8)	615 (61.0)
RICE						
Total	717	391 (54.5)	326 (45.5)	68 (20.9)	60 (18.4)	198 (60.7)
first child	210	127 (60.5)	83 (39.5)	24 (28.9)	12 (14.5)	47 (56.6)
2nd child	235	150 (63.8)	85 (36.2)	20 (23.5)	17 (20.0)	48 (56.5)
3rd child	132	73 (55.3)	59 (44.7)	11 (18.6)	13 (22.0)	35 (59.3)
4th+ child	140	41 (29.3)	99 (70.7)	13 (13.1)	18 (18.2)	68 (68.7)
SCOTT						
Total	1,685	1,272 (75.5)	413 (24.5)	154 (37.3)	60 (14.5)	199 (48.2)
first child	615	486 (79.0)	129 (21.0)	56 (43.4)	20 (15.5)	53 (41.1)
2nd child	595	478 (80.3)	117 (19.7)	51 (43.6)	17 (14.5)	49 (41.9)
3rd child	284	212 (74.6)	72 (25.4)	25 (34.7)	10 (13.9)	37 (51.4)
4th+ child	191	96 (50.3)	95 (49.7)	22 (23.2)	13 (13.7)	60 (63.2)
SHERBURNE						
Total	1,191	838 (70.4)	353 (29.6)	127 (36.0)	68 (19.3)	158 (44.8)
first child	415	310 (74.7)	105 (25.3)	44 (41.9)	24 (22.9)	37 (35.2)
2nd child	391	299 (76.5)	92 (23.5)	28 (30.4)	19 (20.7)	45 (48.9)
3rd child	206	136 (66.0)	70 (34.0)	28 (40.0)	13 (18.6)	29 (41.4)
4th+ child	179	93 (52.0)	86 (48.0)	27 (31.4)	12 (14.0)	47 (54.7)
SOUTHWEST						
Total	707	361 (51.1)	346 (48.9)	73 (21.1)	59 (17.1)	214 (61.8)
first child	224	132 (58.9)	92 (41.1)	21 (22.8)	21 (22.8)	50 (54.3)
2nd child	202	114 (56.4)	88 (43.6)	18 (20.5)	17 (19.3)	53 (60.2)
3rd child	153	70 (45.8)	83 (54.2)	13 (15.7)	13 (15.7)	57 (68.7)
4th+ child	128	45 (35.2)	83 (64.8)	21 (25.3)	8 (9.6)	54 (65.1)
STEARNS						
Total	1,972	1,076 (54.6)	896 (45.4)	260 (29.0)	144 (16.1)	492 (54.9)
first child	629	399 (63.4)	230 (36.6)	88 (38.3)	38 (16.5)	104 (45.2)
2nd child	578	381 (65.9)	197 (34.1)	61 (31.0)	34 (17.3)	102 (51.8)
3rd child	365	185 (50.7)	180 (49.3)	43 (23.9)	31 (17.2)	106 (58.9)
4th+ child	400	111 (27.8)	289 (72.3)	68 (23.5)	41 (14.2)	180 (62.3)
WABASHA						
Total	217	144 (66.4)	73 (33.6)	21 (28.8)	13 (17.8)	39 (53.4)
first child	79	51 (64.6)	28 (35.4)	7 (****)	<5	17 (****)
2nd child	71	53 (74.6)	18 (25.4)	10 (****)	<5	6 (****)
3rd child	45	30 (66.7)	15 (33.3)	<5	5 (****)	7 (****)
4th+ child	22	10 (****)	12 (****)	<5	<5	9 (****)

(.....) Percent not calculated for locations with fewer than 30 participants

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Birth Order ¹ by CHB	Minnesota Births			Infants enrolled in WIC: Mother Enrolled		
	Total infants ²	Infants not enrolled in WIC ³	Infants enrolled in WIC ⁴	Postpartum /infant only ⁵	< 3 months of pregnancy ⁶	3 or more months of pregnancy ⁷
WASHINGTON						
Total	2,658	2,065 (77.7)	593 (22.3)	207 (34.9)	100 (16.9)	286 (48.2)
first child	920	751 (81.6)	169 (18.4)	55 (32.5)	30 (17.8)	84 (49.7)
2nd child	963	778 (80.8)	185 (19.2)	67 (36.2)	30 (16.2)	88 (47.6)
3rd child	494	373 (75.5)	121 (24.5)	46 (38.0)	22 (18.2)	53 (43.8)
4th+ child	281	163 (58.0)	118 (42.0)	39 (33.1)	18 (15.3)	61 (51.7)
WATONWAN						
Total	167	53 (31.7)	114 (68.3)	25 (21.9)	27 (23.7)	62 (54.4)
first child	50	19 (38.0)	31 (62.0)	9 (29.0)	9 (29.0)	13 (41.9)
2nd child	57	19 (33.3)	38 (66.7)	8 (21.1)	6 (15.8)	24 (63.2)
3rd child	37	9 (24.3)	28 (75.7)	<5	8 (****)	16 (****)
4th+ child	23	6 (****)	17 (****)	<5	<5	9 (****)
WINONA						
Total	317	188 (59.3)	129 (40.7)	38 (29.5)	28 (21.7)	63 (48.8)
first child	112	71 (63.4)	41 (36.6)	10 (24.4)	11 (26.8)	20 (48.8)
2nd child	96	61 (63.5)	35 (36.5)	11 (31.4)	7 (20.0)	17 (48.6)
3rd child	49	32 (65.3)	17 (34.7)	6 (****)	<5	8 (****)
4th+ child	60	24 (40.0)	36 (60.0)	11 (30.6)	7 (19.4)	18 (50.0)
WRIGHT						
Total	1,680	1,315 (78.3)	365 (21.7)	126 (34.5)	63 (17.3)	176 (48.2)
first child	556	428 (77.0)	128 (23.0)	55 (43.0)	35 (27.3)	38 (29.7)
2nd child	527	438 (83.1)	89 (16.9)	25 (28.1)	8 (9.0)	56 (62.9)
3rd child	323	259 (80.2)	64 (19.8)	19 (29.7)	7 (10.9)	38 (59.4)
4th+ child	274	190 (69.3)	84 (30.7)	27 (32.1)	13 (15.5)	44 (52.4)

Suggested citation: Minnesota WIC Information System. Enrollment in Minnesota WIC by Mothers of Infants Born in Minnesota During Calendar Year 2019 by Birth Order by Community Health Board. Minnesota WIC Program: 2020.

Note: Minnesota WIC served additional infants born in 2019 who were born outside of the state.

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

¹ Birth Order determined from previous births reported as 'now living' on the birth certificate, excluding previous births reported as not living at time of the current birth

² Minnesota birth certificate data

³ Number of infants who were not enrolled in the Minnesota WIC program

⁴ Number of infants who were enrolled in the Minnesota WIC program

⁵ Number of infant WIC enrollees whose mothers did not enroll in the Minnesota WIC program during pregnancy (percentage of all infants born in Minnesota who were enrolled in the Minnesota WIC program and whose mothers did not enroll during pregnancy)

⁶ Number of infant WIC enrollees whose mothers enrolled in the Minnesota WIC program for less than 3 months during pregnancy (percentage of all infants born in Minnesota whose mothers enrolled in the Minnesota WIC program for less than 3 months during pregnancy)

⁷ Number of infant Minnesota WIC enrollees whose mothers enrolled in the Minnesota WIC program for 3 or more months during pregnancy (percentage of all infants born in Minnesota whose mothers enrolled in the Minnesota WIC program for 3 or more months during pregnancy)

Methodology and Interpretation: Enrollment by Birth Order

Methodology

Enrollment

Enrollment in WIC is determined by WIC information linked to Minnesota birth certificate data. Enrollment numbers do not include infants born in Minnesota who participated in WIC where the birth and WIC records were not successfully matched. Enrollment numbers do not include infants born outside Minnesota who participated in Minnesota WIC. WIC participation recorded on the birth certificate was ignored when determining WIC enrollment for the purposes of this report.

Birth Order

Birth order is determined by number of living children as reported on the Minnesota birth certificate. Prior infants born to the current infant's mother who were reported as not living at the time of the current infant's birth were not included when calculating birth order. This makes birth order less accurate but a better estimate of the number of children living in a household at the time of the current infant's birth.

WIC participation categories

Minnesota WIC participation by mothers whose infants were born in Minnesota are divided into four categories.

- Infants not enrolled in WIC – neither the mother nor infant were enrolled in Minnesota WIC, or the birth and WIC records were not successfully matched.
- Postpartum/infant only – the infant was enrolled in WIC, and the mother either never participated or participated only postpartum.
- < 3 months of pregnancy – mother enrolled in WIC within 90 days prior to her infant's birth. For infants born on or after their due date, this would be the same as enrollment during the 3rd trimester of pregnancy.
- 3 or more months of pregnancy - mother enrolled in WIC more than 90 days prior to her infant's birth. For infants born on or after their due date, this would be the same as enrollment prior to the 3rd trimester of pregnancy.

Interpretation:

Because not every WIC record is successfully matched to a Minnesota birth certificate, the number and percentage of infants whose mothers participate in WIC is underreported.

WIC participation increases with higher birth order. This may be partially explained by the fact that WIC income eligibility varies with household size. Higher birth order is also associated with timing of enrollment in WIC, with mothers with more children enrolling earlier in pregnancy.