

**Preterm Births in MN WIC by Calendar Year (3 year totals) and County of Residence
Minnesota WIC Information System**

County	Total¹	Preterm² (%)
MINNESOTA		
2019 to 2021	70,253	7,857 (11.2)
2018 to 2020	72,950	7,904 (10.8)
2017 to 2019	76,167	8,099 (10.6)
2016 to 2018	81,684	8,510 (10.4)
2015 to 2017	85,895	8,795 (10.2)
2014 to 2016	88,356	8,866 (10.0)
2013 to 2015	90,712	9,024 (9.9)
2012 to 2014	92,457	9,736 (10.5)
2011 to 2013	91,587	9,661 (10.5)
AITKIN		
2019 to 2021	165	15 (9.1)
2018 to 2020	184	14 (7.6)
2017 to 2019	189	13 (6.9)
2016 to 2018	199	12 (6.0)
2015 to 2017	208	18 (8.7)
2014 to 2016	213	22 (10.3)
2013 to 2015	219	27 (12.3)
2012 to 2014	216	28 (13.0)
2011 to 2013	227	22 (9.7)
ANOKA		
2019 to 2021	4154	476 (11.5)
2018 to 2020	4088	491 (12.0)
2017 to 2019	4038	466 (11.5)
2016 to 2018	4026	423 (10.5)
2015 to 2017	4629	453 (9.8)
2014 to 2016	4732	447 (9.4)
2013 to 2015	4988	483 (9.7)
2012 to 2014	4594	435 (9.5)
2011 to 2013	4539	449 (9.9)
BECKER		
2019 to 2021	538	68 (12.6)
2018 to 2020	581	68 (11.7)
2017 to 2019	584	62 (10.6)
2016 to 2018	614	64 (10.4)
2015 to 2017	686	75 (10.9)
2014 to 2016	730	71 (9.7)
2013 to 2015	769	76 (9.9)
2012 to 2014	772	72 (9.3)
2011 to 2013	803	81 (10.1)

**Preterm Births in MN WIC by Calendar Year (3 year totals) and County of Residence
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County	Total¹	Preterm² (%)
BELTRAMI		
2019 to 2021	1064	125 (11.7)
2018 to 2020	1136	131 (11.5)
2017 to 2019	1204	133 (11.0)
2016 to 2018	1219	128 (10.5)
2015 to 2017	1358	153 (11.3)
2014 to 2016	1384	169 (12.2)
2013 to 2015	1510	181 (12.0)
2012 to 2014	1497	188 (12.6)
2011 to 2013	1555	195 (12.5)
BENTON		
2019 to 2021	604	55 (9.1)
2018 to 2020	601	62 (10.3)
2017 to 2019	627	74 (11.8)
2016 to 2018	650	87 (13.4)
2015 to 2017	788	105 (13.3)
2014 to 2016	817	104 (12.7)
2013 to 2015	815	103 (12.6)
2012 to 2014	735	99 (13.5)
2011 to 2013	709	89 (12.6)
BIG STONE		
2019 to 2021	84	9 (10.7)
2018 to 2020	85	7 (8.2)
2017 to 2019	97	13 (13.4)
2016 to 2018	96	11 (11.5)
2015 to 2017	95	13 (13.7)
2014 to 2016	82	6 (7.3)
2013 to 2015	93	8 (8.6)
2012 to 2014	105	12 (11.4)
2011 to 2013	127	16 (12.6)
BLUE EARTH		
2019 to 2021	817	108 (13.2)
2018 to 2020	817	106 (13.0)
2017 to 2019	789	91 (11.5)
2016 to 2018	822	85 (10.3)
2015 to 2017	975	89 (9.1)
2014 to 2016	1050	100 (9.5)
2013 to 2015	1042	96 (9.2)
2012 to 2014	957	99 (10.3)
2011 to 2013	909	95 (10.5)

**Preterm Births in MN WIC by Calendar Year (3 year totals) and County of Residence
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County	Total¹	Preterm² (%)
BROWN		
2019 to 2021	310	37 (11.9)
2018 to 2020	333	34 (10.2)
2017 to 2019	327	39 (11.9)
2016 to 2018	357	42 (11.8)
2015 to 2017	396	35 (8.8)
2014 to 2016	406	33 (8.1)
2013 to 2015	438	35 (8.0)
2012 to 2014	422	40 (9.5)
2011 to 2013	441	44 (10.0)
CARLTON		
2019 to 2021	447	55 (12.3)
2018 to 2020	470	51 (10.9)
2017 to 2019	484	53 (11.0)
2016 to 2018	503	52 (10.3)
2015 to 2017	556	51 (9.2)
2014 to 2016	588	62 (10.5)
2013 to 2015	618	76 (12.3)
2012 to 2014	602	81 (13.5)
2011 to 2013	616	82 (13.3)
CARVER		
2019 to 2021	463	37 (8.0)
2018 to 2020	465	39 (8.4)
2017 to 2019	491	47 (9.6)
2016 to 2018	528	57 (10.8)
2015 to 2017	623	64 (10.3)
2014 to 2016	618	61 (9.9)
2013 to 2015	659	59 (9.0)
2012 to 2014	614	56 (9.1)
2011 to 2013	602	56 (9.3)
CASS		
2019 to 2021	467	56 (12.0)
2018 to 2020	511	59 (11.5)
2017 to 2019	529	66 (12.5)
2016 to 2018	603	75 (12.4)
2015 to 2017	652	78 (12.0)
2014 to 2016	735	76 (10.3)
2013 to 2015	751	86 (11.5)
2012 to 2014	761	97 (12.7)
2011 to 2013	751	87 (11.6)

**Preterm Births in MN WIC by Calendar Year (3 year totals) and County of Residence
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County	Total¹	Preterm² (%)
CHIPPEWA		
2019 to 2021	223	15 (6.7)
2018 to 2020	219	16 (7.3)
2017 to 2019	236	17 (7.2)
2016 to 2018	260	21 (8.1)
2015 to 2017	331	25 (7.6)
2014 to 2016	348	28 (8.0)
2013 to 2015	349	26 (7.4)
2012 to 2014	307	24 (7.8)
2011 to 2013	299	31 (10.4)
CHISAGO		
2019 to 2021	448	62 (13.8)
2018 to 2020	445	61 (13.7)
2017 to 2019	457	59 (12.9)
2016 to 2018	510	55 (10.8)
2015 to 2017	604	65 (10.8)
2014 to 2016	645	84 (13.0)
2013 to 2015	647	90 (13.9)
2012 to 2014	626	90 (14.4)
2011 to 2013	614	75 (12.2)
CLAY		
2019 to 2021	963	125 (13.0)
2018 to 2020	988	127 (12.9)
2017 to 2019	1023	118 (11.5)
2016 to 2018	1063	118 (11.1)
2015 to 2017	1126	116 (10.3)
2014 to 2016	1110	127 (11.4)
2013 to 2015	1096	118 (10.8)
2012 to 2014	1077	130 (12.1)
2011 to 2013	1046	120 (11.5)
CLEARWATER		
2019 to 2021	148	13 (8.8)
2018 to 2020	152	13 (8.6)
2017 to 2019	153	10 (6.5)
2016 to 2018	168	10 (6.0)
2015 to 2017	181	16 (8.8)
2014 to 2016	191	14 (7.3)
2013 to 2015	191	16 (8.4)
2012 to 2014	188	18 (9.6)
2011 to 2013	190	21 (11.1)

**Preterm Births in MN WIC by Calendar Year (3 year totals) and County of Residence
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County	Total¹	Preterm² (%)
COOK		
2019 to 2021	45	5 (11.1)
2018 to 2020	54	4 (7.4)
2017 to 2019	72	13 (18.1)
2016 to 2018	92	15 (16.3)
2015 to 2017	101	15 (14.9)
2014 to 2016	94	11 (11.7)
2013 to 2015	86	13 (15.1)
2012 to 2014	84	14 (16.7)
2011 to 2013	94	9 (9.6)
COTTONWOOD		
2019 to 2021	221	22 (10.0)
2018 to 2020	207	20 (9.7)
2017 to 2019	214	25 (11.7)
2016 to 2018	221	27 (12.2)
2015 to 2017	257	29 (11.3)
2014 to 2016	262	28 (10.7)
2013 to 2015	256	30 (11.7)
2012 to 2014	249	37 (14.9)
2011 to 2013	271	37 (13.7)
CROW WING		
2019 to 2021	828	108 (13.0)
2018 to 2020	876	92 (10.5)
2017 to 2019	940	88 (9.4)
2016 to 2018	1014	104 (10.3)
2015 to 2017	1087	127 (11.7)
2014 to 2016	1127	137 (12.2)
2013 to 2015	1170	132 (11.3)
2012 to 2014	1242	137 (11.0)
2011 to 2013	1279	134 (10.5)
DAKOTA		
2019 to 2021	4227	420 (9.9)
2018 to 2020	4210	419 (10.0)
2017 to 2019	4209	423 (10.0)
2016 to 2018	4504	444 (9.9)
2015 to 2017	5034	517 (10.3)
2014 to 2016	5229	529 (10.1)
2013 to 2015	5388	576 (10.7)
2012 to 2014	5257	569 (10.8)
2011 to 2013	5221	574 (11.0)

**Preterm Births in MN WIC by Calendar Year (3 year totals) and County of Residence
Minnesota WIC Information System**

County	Total¹	Preterm² (%)
DODGE		
2019 to 2021	216	29 (13.4)
2018 to 2020	219	29 (13.2)
2017 to 2019	239	27 (11.3)
2016 to 2018	250	23 (9.2)
2015 to 2017	306	26 (8.5)
2014 to 2016	325	21 (6.5)
2013 to 2015	354	36 (10.2)
2012 to 2014	344	38 (11.0)
2011 to 2013	348	43 (12.4)
DOUGLAS		
2019 to 2021	392	55 (14.0)
2018 to 2020	407	56 (13.8)
2017 to 2019	402	52 (12.9)
2016 to 2018	425	56 (13.2)
2015 to 2017	492	60 (12.2)
2014 to 2016	538	63 (11.7)
2013 to 2015	599	61 (10.2)
2012 to 2014	592	66 (11.1)
2011 to 2013	592	68 (11.5)
FARIBAULT		
2019 to 2021	180	19 (10.6)
2018 to 2020	195	15 (7.7)
2017 to 2019	203	15 (7.4)
2016 to 2018	216	17 (7.9)
2015 to 2017	232	23 (9.9)
2014 to 2016	252	18 (7.1)
2013 to 2015	258	19 (7.4)
2012 to 2014	258	15 (5.8)
2011 to 2013	265	19 (7.2)
FILLMORE		
2019 to 2021	240	36 (15.0)
2018 to 2020	243	33 (13.6)
2017 to 2019	267	30 (11.2)
2016 to 2018	276	32 (11.6)
2015 to 2017	309	36 (11.7)
2014 to 2016	327	32 (9.8)
2013 to 2015	328	28 (8.5)
2012 to 2014	308	22 (7.1)
2011 to 2013	289	18 (6.2)

**Preterm Births in MN WIC by Calendar Year (3 year totals) and County of Residence
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County	Total¹	Preterm² (%)
FREEBORN		
2019 to 2021	529	56 (10.6)
2018 to 2020	519	57 (11.0)
2017 to 2019	545	54 (9.9)
2016 to 2018	555	67 (12.1)
2015 to 2017	625	72 (11.5)
2014 to 2016	639	82 (12.8)
2013 to 2015	687	65 (9.5)
2012 to 2014	704	72 (10.2)
2011 to 2013	721	66 (9.2)
GOODHUE		
2019 to 2021	432	49 (11.3)
2018 to 2020	459	50 (10.9)
2017 to 2019	467	64 (13.7)
2016 to 2018	507	59 (11.6)
2015 to 2017	532	51 (9.6)
2014 to 2016	587	50 (8.5)
2013 to 2015	581	55 (9.5)
2012 to 2014	611	66 (10.8)
2011 to 2013	612	56 (9.2)
GRANT		
2019 to 2021	84	6 (7.1)
2018 to 2020	78	5 (6.4)
2017 to 2019	76	5 (6.6)
2016 to 2018	85	6 (7.1)
2015 to 2017	100	12 (12.0)
2014 to 2016	110	12 (10.9)
2013 to 2015	129	18 (14.0)
2012 to 2014	125	13 (10.4)
2011 to 2013	132	16 (12.1)
HENNEPIN		
2019 to 2021	14349	1,694 (11.8)
2018 to 2020	14976	1,662 (11.1)
2017 to 2019	15966	1,779 (11.1)
2016 to 2018	17627	1,898 (10.8)
2015 to 2017	19304	2,060 (10.7)
2014 to 2016	19947	1,984 (9.9)
2013 to 2015	20437	2,027 (9.9)
2012 to 2014	20428	2,155 (10.5)
2011 to 2013	19892	2,127 (10.7)

**Preterm Births in MN WIC by Calendar Year (3 year totals) and County of Residence
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County	Total¹	Preterm² (%)
HOUSTON		
2019 to 2021	163	22 (13.5)
2018 to 2020	166	20 (12.0)
2017 to 2019	165	17 (10.3)
2016 to 2018	186	16 (8.6)
2015 to 2017	203	21 (10.3)
2014 to 2016	204	18 (8.8)
2013 to 2015	207	21 (10.1)
2012 to 2014	206	20 (9.7)
2011 to 2013	206	25 (12.1)
HUBBARD		
2019 to 2021	332	30 (9.0)
2018 to 2020	330	30 (9.1)
2017 to 2019	344	34 (9.9)
2016 to 2018	360	33 (9.2)
2015 to 2017	361	28 (7.8)
2014 to 2016	374	30 (8.0)
2013 to 2015	390	36 (9.2)
2012 to 2014	406	42 (10.3)
2011 to 2013	404	41 (10.1)
ISANTI		
2019 to 2021	543	78 (14.4)
2018 to 2020	558	65 (11.6)
2017 to 2019	579	65 (11.2)
2016 to 2018	586	58 (9.9)
2015 to 2017	602	50 (8.3)
2014 to 2016	635	72 (11.3)
2013 to 2015	708	82 (11.6)
2012 to 2014	739	100 (13.5)
2011 to 2013	749	90 (12.0)
ITASCA		
2019 to 2021	543	78 (14.4)
2018 to 2020	558	65 (11.6)
2017 to 2019	677	85 (12.6)
2016 to 2018	729	100 (13.7)
2015 to 2017	774	103 (13.3)
2014 to 2016	805	109 (13.5)
2013 to 2015	830	95 (11.4)
2012 to 2014	857	99 (11.6)
2011 to 2013	852	100 (11.7)

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County	Total¹	Preterm² (%)
JACKSON		
2019 to 2021	120	13 (10.8)
2018 to 2020	119	10 (8.4)
2017 to 2019	123	8 (6.5)
2016 to 2018	121	10 (8.3)
2015 to 2017	133	13 (9.8)
2014 to 2016	143	15 (10.5)
2013 to 2015	137	16 (11.7)
2012 to 2014	147	23 (15.6)
2011 to 2013	151	26 (17.2)
KANABEC		
2019 to 2021	209	25 (12.0)
2018 to 2020	225	26 (11.6)
2017 to 2019	259	30 (11.6)
2016 to 2018	274	32 (11.7)
2015 to 2017	265	27 (10.2)
2014 to 2016	233	26 (11.2)
2013 to 2015	263	27 (10.3)
2012 to 2014	267	27 (10.1)
2011 to 2013	269	22 (8.2)
KANDIYOHI		
2019 to 2021	960	73 (7.6)
2018 to 2020	985	80 (8.1)
2017 to 2019	1015	83 (8.2)
2016 to 2018	1060	103 (9.7)
2015 to 2017	1153	96 (8.3)
2014 to 2016	1121	97 (8.7)
2013 to 2015	1137	84 (7.4)
2012 to 2014	1051	88 (8.4)
2011 to 2013	1039	91 (8.8)
KITTSOON		
2019 to 2021	53	5 (9.4)
2018 to 2020	63	8 (12.7)
2017 to 2019	77	11 (14.3)
2016 to 2018	71	11 (15.5)
2015 to 2017	63	9 (14.3)
2014 to 2016	62	8 (12.9)
2013 to 2015	77	10 (13.0)
2012 to 2014	77	8 (10.4)
2011 to 2013	76	4 (5.3)

**Preterm Births in MN WIC by Calendar Year (3 year totals) and County of Residence
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County	Total¹	Preterm² (%)
KOOCHICHING		
2019 to 2021	126	13 (10.3)
2018 to 2020	134	14 (10.4)
2017 to 2019	143	18 (12.6)
2016 to 2018	159	16 (10.1)
2015 to 2017	157	13 (8.3)
2014 to 2016	169	12 (7.1)
2013 to 2015	198	14 (7.1)
2012 to 2014	203	21 (10.3)
2011 to 2013	219	20 (9.1)
LAC QUI PARLE		
2019 to 2021	84	10 (11.9)
2018 to 2020	91	12 (13.2)
2017 to 2019	83	11 (13.3)
2016 to 2018	94	14 (14.9)
2015 to 2017	82	12 (14.6)
2014 to 2016	83	16 (19.3)
2013 to 2015	84	10 (11.9)
2012 to 2014	108	17 (15.7)
2011 to 2013	120	13 (10.8)
LAKE		
2019 to 2021	116	12 (10.3)
2018 to 2020	128	13 (10.2)
2017 to 2019	134	13 (9.7)
2016 to 2018	138	20 (14.5)
2015 to 2017	157	21 (13.4)
2014 to 2016	144	17 (11.8)
2013 to 2015	155	18 (11.6)
2012 to 2014	138	18 (13.0)
2011 to 2013	147	18 (12.2)
LAKE OF THE WOODS		
2019 to 2021	51	7 (13.7)
2018 to 2020	50	6 (12.0)
2017 to 2019	56	7 (12.5)
2016 to 2018	62	6 (9.7)
2015 to 2017	70	3 (4.3)
2014 to 2016	72	1 (1.4)
2013 to 2015	71	1 (1.4)
2012 to 2014	65	1 (1.5)
2011 to 2013	62	2 (3.2)

**Preterm Births in MN WIC by Calendar Year (3 year totals) and County of Residence
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County	Total¹	Preterm² (%)
LE SUEUR		
2019 to 2021	288	35 (12.2)
2018 to 2020	288	32 (11.1)
2017 to 2019	338	46 (13.6)
2016 to 2018	372	44 (11.8)
2015 to 2017	417	48 (11.5)
2014 to 2016	403	37 (9.2)
2013 to 2015	390	33 (8.5)
2012 to 2014	361	27 (7.5)
2011 to 2013	389	32 (8.2)
LINCOLN		
2019 to 2021	65	11 (16.9)
2018 to 2020	62	8 (12.9)
2017 to 2019	61	8 (13.1)
2016 to 2018	64	5 (7.8)
2015 to 2017	71	4 (5.6)
2014 to 2016	75	6 (8.0)
2013 to 2015	81	6 (7.4)
2012 to 2014	74	7 (9.5)
2011 to 2013	76	5 (6.6)
LYON		
2019 to 2021	527	45 (8.5)
2018 to 2020	577	46 (8.0)
2017 to 2019	592	52 (8.8)
2016 to 2018	632	51 (8.1)
2015 to 2017	665	65 (9.8)
2014 to 2016	659	58 (8.8)
2013 to 2015	642	64 (10.0)
2012 to 2014	621	71 (11.4)
2011 to 2013	628	74 (11.8)
MAHNOMEN		
2019 to 2021	192	31 (16.1)
2018 to 2020	209	28 (13.4)
2017 to 2019	234	35 (15.0)
2016 to 2018	249	37 (14.9)
2015 to 2017	251	36 (14.3)
2014 to 2016	252	35 (13.9)
2013 to 2015	261	33 (12.6)
2012 to 2014	272	43 (15.8)
2011 to 2013	270	44 (16.3)

**Preterm Births in MN WIC by Calendar Year (3 year totals) and County of Residence
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County	Total¹	Preterm² (%)
MARSHALL		
2019 to 2021	129	8 (6.2)
2018 to 2020	116	11 (9.5)
2017 to 2019	129	11 (8.5)
2016 to 2018	123	19 (15.4)
2015 to 2017	149	23 (15.4)
2014 to 2016	155	27 (17.4)
2013 to 2015	175	27 (15.4)
2012 to 2014	171	24 (14.0)
2011 to 2013	177	30 (16.9)
MARTIN		
2019 to 2021	338	47 (13.9)
2018 to 2020	349	49 (14.0)
2017 to 2019	365	41 (11.2)
2016 to 2018	373	36 (9.7)
2015 to 2017	375	35 (9.3)
2014 to 2016	382	39 (10.2)
2013 to 2015	392	42 (10.7)
2012 to 2014	386	47 (12.2)
2011 to 2013	385	39 (10.1)
MCLEOD		
2019 to 2021	438	43 (9.8)
2018 to 2020	453	51 (11.3)
2017 to 2019	432	44 (10.2)
2016 to 2018	503	58 (11.5)
2015 to 2017	543	61 (11.2)
2014 to 2016	614	68 (11.1)
2013 to 2015	600	67 (11.2)
2012 to 2014	621	67 (10.8)
2011 to 2013	602	68 (11.3)
MEEKER		
2019 to 2021	310	37 (11.9)
2018 to 2020	341	33 (9.7)
2017 to 2019	365	33 (9.0)
2016 to 2018	388	26 (6.7)
2015 to 2017	386	27 (7.0)
2014 to 2016	398	33 (8.3)
2013 to 2015	419	40 (9.5)
2012 to 2014	422	48 (11.4)
2011 to 2013	424	41 (9.7)

**Preterm Births in MN WIC by Calendar Year (3 year totals) and County of Residence
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County	Total¹	Preterm² (%)
MILLE LACS COUNTY		
2019 to 2021	390	53 (13.6)
2018 to 2020	427	53 (12.4)
2017 to 2019	496	58 (11.7)
2016 to 2018	549	63 (11.5)
2015 to 2017	585	67 (11.5)
2014 to 2016	569	65 (11.4)
2013 to 2015	570	63 (11.1)
2012 to 2014	622	73 (11.7)
2011 to 2013	622	67 (10.8)
MORRISON		
2019 to 2021	404	54 (13.4)
2018 to 2020	435	61 (14.0)
2017 to 2019	468	60 (12.8)
2016 to 2018	533	65 (12.2)
2015 to 2017	562	55 (9.8)
2014 to 2016	601	60 (10.0)
2013 to 2015	610	62 (10.2)
2012 to 2014	619	67 (10.8)
2011 to 2013	623	73 (11.7)
MOWER		
2019 to 2021	880	109 (12.4)
2018 to 2020	916	119 (13.0)
2017 to 2019	925	111 (12.0)
2016 to 2018	916	96 (10.5)
2015 to 2017	907	80 (8.8)
2014 to 2016	931	88 (9.5)
2013 to 2015	955	91 (9.5)
2012 to 2014	982	109 (11.1)
2011 to 2013	972	102 (10.5)
MURRAY		
2019 to 2021	100	12 (12.0)
2018 to 2020	103	9 (8.7)
2017 to 2019	117	14 (12.0)
2016 to 2018	125	15 (12.0)
2015 to 2017	127	14 (11.0)
2014 to 2016	121	11 (9.1)
2013 to 2015	113	5 (4.4)
2012 to 2014	123	11 (8.9)
2011 to 2013	123	9 (7.3)

**Preterm Births in MN WIC by Calendar Year (3 year totals) and County of Residence
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County	Total¹	Preterm² (%)
NICOLLET		
2019 to 2021	346	32 (9.2)
2018 to 2020	369	33 (8.9)
2017 to 2019	393	41 (10.4)
2016 to 2018	416	45 (10.8)
2015 to 2017	411	45 (10.9)
2014 to 2016	440	50 (11.4)
2013 to 2015	475	46 (9.7)
2012 to 2014	507	52 (10.3)
2011 to 2013	497	45 (9.1)
NOBLES		
2019 to 2021	726	75 (10.3)
2018 to 2020	760	76 (10.0)
2017 to 2019	770	63 (8.2)
2016 to 2018	829	63 (7.6)
2015 to 2017	833	69 (8.3)
2014 to 2016	838	67 (8.0)
2013 to 2015	832	76 (9.1)
2012 to 2014	822	78 (9.5)
2011 to 2013	800	86 (10.8)
NORMAN		
2019 to 2021	106	13 (12.3)
2018 to 2020	117	14 (12.0)
2017 to 2019	140	15 (10.7)
2016 to 2018	120	11 (9.2)
2015 to 2017	113	12 (10.6)
2014 to 2016	109	16 (14.7)
2013 to 2015	130	16 (12.3)
2012 to 2014	138	17 (12.3)
2011 to 2013	126	11 (8.7)
OLMSTED		
2019 to 2021	1882	229 (12.2)
2018 to 2020	1898	207 (10.9)
2017 to 2019	1979	188 (9.5)
2016 to 2018	2110	189 (9.0)
2015 to 2017	2243	212 (9.5)
2014 to 2016	2336	210 (9.0)
2013 to 2015	2414	196 (8.1)
2012 to 2014	2465	238 (9.7)
2011 to 2013	2447	265 (10.8)

**Preterm Births in MN WIC by Calendar Year (3 year totals) and County of Residence
Minnesota WIC Information System**

County	Total¹	Preterm² (%)
OTTER TAIL		
2019 to 2021	732	50 (6.8)
2018 to 2020	723	46 (6.4)
2017 to 2019	779	49 (6.3)
2016 to 2018	830	65 (7.8)
2015 to 2017	872	79 (9.1)
2014 to 2016	930	89 (9.6)
2013 to 2015	942	93 (9.9)
2012 to 2014	982	97 (9.9)
2011 to 2013	939	94 (10.0)
PENNINGTON		
2019 to 2021	201	20 (10.0)
2018 to 2020	223	22 (9.9)
2017 to 2019	249	24 (9.6)
2016 to 2018	252	26 (10.3)
2015 to 2017	274	29 (10.6)
2014 to 2016	299	30 (10.0)
2013 to 2015	321	34 (10.6)
2012 to 2014	346	32 (9.2)
2011 to 2013	367	33 (9.0)
PINE		
2019 to 2021	409	40 (9.8)
2018 to 2020	384	34 (8.9)
2017 to 2019	411	46 (11.2)
2016 to 2018	443	44 (9.9)
2015 to 2017	464	36 (7.8)
2014 to 2016	488	36 (7.4)
2013 to 2015	519	43 (8.3)
2012 to 2014	556	62 (11.2)
2011 to 2013	566	62 (11.0)
PIPESTONE		
2019 to 2021	186	26 (14.0)
2018 to 2020	195	26 (13.3)
2017 to 2019	216	30 (13.9)
2016 to 2018	216	25 (11.6)
2015 to 2017	211	19 (9.0)
2014 to 2016	199	16 (8.0)
2013 to 2015	217	20 (9.2)
2012 to 2014	237	23 (9.7)
2011 to 2013	233	26 (11.2)

**Preterm Births in MN WIC by Calendar Year (3 year totals) and County of Residence
Minnesota WIC Information System**

County	Total¹	Preterm² (%)
POLK		
2019 to 2021	462	52 (11.3)
2018 to 2020	520	60 (11.5)
2017 to 2019	566	59 (10.4)
2016 to 2018	628	73 (11.6)
2015 to 2017	612	75 (12.3)
2014 to 2016	593	82 (13.8)
2013 to 2015	580	70 (12.1)
2012 to 2014	617	74 (12.0)
2011 to 2013	630	65 (10.3)
POPE		
2019 to 2021	123	10 (8.1)
2018 to 2020	125	12 (9.6)
2017 to 2019	155	26 (16.8)
2016 to 2018	177	29 (16.4)
2015 to 2017	189	31 (16.4)
2014 to 2016	188	18 (9.6)
2013 to 2015	183	19 (10.4)
2012 to 2014	190	17 (8.9)
2011 to 2013	197	24 (12.2)
RAMSEY		
2019 to 2021	10498	1,118 (10.6)
2018 to 2020	11264	1,146 (10.2)
2017 to 2019	11877	1,147 (9.7)
2016 to 2018	12689	1,189 (9.4)
2015 to 2017	12617	1,144 (9.1)
2014 to 2016	12990	1,183 (9.1)
2013 to 2015	13238	1,224 (9.2)
2012 to 2014	13808	1,387 (10.0)
2011 to 2013	13269	1,326 (10.0)
RED LAKE COUNTY		
2019 to 2021	69	11 (15.9)
2018 to 2020	77	13 (16.9)
2017 to 2019	73	10 (13.7)
2016 to 2018	84	8 (9.5)
2015 to 2017	77	5 (6.5)
2014 to 2016	86	4 (4.7)
2013 to 2015	93	3 (3.2)
2012 to 2014	108	4 (3.7)
2011 to 2013	103	6 (5.8)

**Preterm Births in MN WIC by Calendar Year (3 year totals) and County of Residence
Minnesota WIC Information System**

County	Total¹	Preterm² (%)
REDWOOD		
2019 to 2021	237	18 (7.6)
2018 to 2020	244	26 (10.7)
2017 to 2019	238	28 (11.8)
2016 to 2018	266	37 (13.9)
2015 to 2017	265	31 (11.7)
2014 to 2016	265	36 (13.6)
2013 to 2015	272	29 (10.7)
2012 to 2014	289	27 (9.3)
2011 to 2013	303	25 (8.3)
RENVILLE		
2019 to 2021	239	18 (7.5)
2018 to 2020	285	18 (6.3)
2017 to 2019	294	26 (8.8)
2016 to 2018	336	32 (9.5)
2015 to 2017	301	33 (11.0)
2014 to 2016	290	31 (10.7)
2013 to 2015	266	26 (9.8)
2012 to 2014	309	25 (8.1)
2011 to 2013	350	32 (9.1)
RICE		
2019 to 2021	860	75 (8.7)
2018 to 2020	920	85 (9.2)
2017 to 2019	991	101 (10.2)
2016 to 2018	1069	122 (11.4)
2015 to 2017	1048	116 (11.1)
2014 to 2016	1033	112 (10.8)
2013 to 2015	1021	101 (9.9)
2012 to 2014	1117	119 (10.7)
2011 to 2013	1149	137 (11.9)
ROCK		
2019 to 2021	95	15 (15.8)
2018 to 2020	103	19 (18.4)
2017 to 2019	107	17 (15.9)
2016 to 2018	128	18 (14.1)
2015 to 2017	132	18 (13.6)
2014 to 2016	144	18 (12.5)
2013 to 2015	143	21 (14.7)
2012 to 2014	162	23 (14.2)
2011 to 2013	155	21 (13.5)

**Preterm Births in MN WIC by Calendar Year (3 year totals) and County of Residence
Minnesota WIC Information System**

County	Total¹	Preterm² (%)
ROSEAU		
2019 to 2021	207	23 (11.1)
2018 to 2020	222	30 (13.5)
2017 to 2019	280	32 (11.4)
2016 to 2018	314	31 (9.9)
2015 to 2017	334	26 (7.8)
2014 to 2016	330	26 (7.9)
2013 to 2015	375	31 (8.3)
2012 to 2014	389	38 (9.8)
2011 to 2013	393	39 (9.9)
SAINT LOUIS		
2019 to 2021	2114	269 (12.7)
2018 to 2020	2190	279 (12.7)
2017 to 2019	2305	293 (12.7)
2016 to 2018	2488	313 (12.6)
2015 to 2017	2561	301 (11.8)
2014 to 2016	2678	298 (11.1)
2013 to 2015	2805	272 (9.7)
2012 to 2014	3041	300 (9.9)
2011 to 2013	3064	288 (9.4)
SCOTT		
2019 to 2021	1200	117 (9.8)
2018 to 2020	1207	134 (11.1)
2017 to 2019	1200	115 (9.6)
2016 to 2018	1295	145 (11.2)
2015 to 2017	1231	133 (10.8)
2014 to 2016	1277	137 (10.7)
2013 to 2015	1309	126 (9.6)
2012 to 2014	1486	143 (9.6)
2011 to 2013	1468	153 (10.4)
SHERBURNE		
2019 to 2021	979	125 (12.8)
2018 to 2020	995	124 (12.5)
2017 to 2019	1000	107 (10.7)
2016 to 2018	1077	110 (10.2)
2015 to 2017	1085	113 (10.4)
2014 to 2016	1107	120 (10.8)
2013 to 2015	1111	119 (10.7)
2012 to 2014	1171	127 (10.8)
2011 to 2013	1235	138 (11.2)

**Preterm Births in MN WIC by Calendar Year (3 year totals) and County of Residence
Minnesota WIC Information System**

County	Total¹	Preterm² (%)
SIBLEY		
2019 to 2021	194	20 (10.3)
2018 to 2020	200	16 (8.0)
2017 to 2019	215	18 (8.4)
2016 to 2018	244	19 (7.8)
2015 to 2017	228	21 (9.2)
2014 to 2016	249	24 (9.6)
2013 to 2015	246	28 (11.4)
2012 to 2014	284	31 (10.9)
2011 to 2013	282	24 (8.5)
STEARNS		
2019 to 2021	2504	227 (9.1)
2018 to 2020	2577	233 (9.0)
2017 to 2019	2641	251 (9.5)
2016 to 2018	2822	271 (9.6)
2015 to 2017	2651	256 (9.7)
2014 to 2016	2518	242 (9.6)
2013 to 2015	2420	245 (10.1)
2012 to 2014	2538	271 (10.7)
2011 to 2013	2457	259 (10.5)
STEELE		
2019 to 2021	520	47 (9.0)
2018 to 2020	530	48 (9.1)
2017 to 2019	547	60 (11.0)
2016 to 2018	587	60 (10.2)
2015 to 2017	632	64 (10.1)
2014 to 2016	690	66 (9.6)
2013 to 2015	708	75 (10.6)
2012 to 2014	728	94 (12.9)
2011 to 2013	701	90 (12.8)
STEVENS		
2019 to 2021	122	14 (11.5)
2018 to 2020	144	11 (7.6)
2017 to 2019	141	9 (6.4)
2016 to 2018	143	7 (4.9)
2015 to 2017	116	7 (6.0)
2014 to 2016	131	9 (6.9)
2013 to 2015	155	15 (9.7)
2012 to 2014	168	14 (8.3)
2011 to 2013	165	15 (9.1)

**Preterm Births in MN WIC by Calendar Year (3 year totals) and County of Residence
Minnesota WIC Information System**

County	Total¹	Preterm² (%)
SWIFT		
2019 to 2021	171	20 (11.7)
2018 to 2020	181	21 (11.6)
2017 to 2019	200	23 (11.5)
2016 to 2018	203	20 (9.9)
2015 to 2017	188	16 (8.5)
2014 to 2016	175	14 (8.0)
2013 to 2015	190	18 (9.5)
2012 to 2014	215	19 (8.8)
2011 to 2013	225	21 (9.3)
TODD		
2019 to 2021	429	36 (8.4)
2018 to 2020	442	37 (8.4)
2017 to 2019	425	43 (10.1)
2016 to 2018	477	56 (11.7)
2015 to 2017	443	49 (11.1)
2014 to 2016	453	51 (11.3)
2013 to 2015	444	42 (9.5)
2012 to 2014	514	64 (12.5)
2011 to 2013	520	65 (12.5)
TRAVERSE		
2019 to 2021	48	8 (16.7)
2018 to 2020	56	5 (8.9)
2017 to 2019	56	7 (12.5)
2016 to 2018	57	7 (12.3)
2015 to 2017	49	6 (12.2)
2014 to 2016	40	1 (2.5)
2013 to 2015	40	0
2012 to 2014	41	3 (7.3)
2011 to 2013	54	5 (9.3)
WABASHA		
2019 to 2021	201	22 (10.9)
2018 to 2020	206	26 (12.6)
2017 to 2019	235	25 (10.6)
2016 to 2018	273	26 (9.5)
2015 to 2017	287	29 (10.1)
2014 to 2016	275	26 (9.5)
2013 to 2015	286	28 (9.8)
2012 to 2014	312	35 (11.2)
2011 to 2013	328	39 (11.9)

**Preterm Births in MN WIC by Calendar Year (3 year totals) and County of Residence
Minnesota WIC Information System**

County	Total¹	Preterm² (%)
WADENA		
2019 to 2021	259	36 (13.9)
2018 to 2020	282	38 (13.5)
2017 to 2019	290	32 (11.0)
2016 to 2018	311	30 (9.6)
2015 to 2017	288	28 (9.7)
2014 to 2016	278	34 (12.2)
2013 to 2015	258	28 (10.9)
2012 to 2014	275	33 (12.0)
2011 to 2013	275	28 (10.2)
WASECA		
2019 to 2021	253	26 (10.3)
2018 to 2020	288	27 (9.4)
2017 to 2019	295	27 (9.2)
2016 to 2018	300	32 (10.7)
2015 to 2017	274	26 (9.5)
2014 to 2016	288	27 (9.4)
2013 to 2015	310	26 (8.4)
2012 to 2014	326	28 (8.6)
2011 to 2013	324	31 (9.6)
WASHINGTON		
2019 to 2021	1813	234 (12.9)
2018 to 2020	1844	230 (12.5)
2017 to 2019	1850	218 (11.8)
2016 to 2018	2020	225 (11.1)
2015 to 2017	1850	208 (11.2)
2014 to 2016	1902	205 (10.8)
2013 to 2015	1961	219 (11.2)
2012 to 2014	2305	249 (10.8)
2011 to 2013	2355	245 (10.4)
WATONWAN		
2019 to 2021	323	22 (6.8)
2018 to 2020	327	24 (7.3)
2017 to 2019	346	32 (9.2)
2016 to 2018	344	35 (10.2)
2015 to 2017	323	37 (11.5)
2014 to 2016	316	31 (9.8)
2013 to 2015	300	30 (10.0)
2012 to 2014	314	27 (8.6)
2011 to 2013	304	26 (8.6)

**Preterm Births in MN WIC by Calendar Year (3 year totals) and County of Residence
Minnesota WIC Information System**

County	Total¹	Preterm² (%)
WILKIN		
2019 to 2021	58	4 (6.9)
2018 to 2020	72	4 (5.6)
2017 to 2019	100	7 (7.0)
2016 to 2018	121	15 (12.4)
2015 to 2017	111	14 (12.6)
2014 to 2016	99	13 (13.1)
2013 to 2015	99	8 (8.1)
2012 to 2014	125	13 (10.4)
2011 to 2013	140	17 (12.1)
WINONA		
2019 to 2021	419	58 (13.8)
2018 to 2020	460	57 (12.4)
2017 to 2019	457	59 (12.9)
2016 to 2018	500	55 (11.0)
2015 to 2017	522	61 (11.7)
2014 to 2016	563	63 (11.2)
2013 to 2015	592	58 (9.8)
2012 to 2014	624	56 (9.0)
2011 to 2013	635	69 (10.9)
WRIGHT		
2019 to 2021	1107	129 (11.7)
2018 to 2020	1140	125 (11.0)
2017 to 2019	1186	125 (10.5)
2016 to 2018	1273	136 (10.7)
2015 to 2017	1207	129 (10.7)
2014 to 2016	1252	140 (11.2)
2013 to 2015	1333	133 (10.0)
2012 to 2014	1506	163 (10.8)
2011 to 2013	1553	161 (10.4)
YELLOW MEDICINE		
2019 to 2021	144	17 (11.8)
2018 to 2020	137	11 (8.0)
2017 to 2019	155	15 (9.7)
2016 to 2018	185	19 (10.3)
2015 to 2017	208	22 (10.6)
2014 to 2016	216	22 (10.2)
2013 to 2015	201	19 (9.5)
2012 to 2014	229	22 (9.6)
2011 to 2013	249	24 (9.6)

**Preterm Births in MN WIC by Calendar Year (3 year totals) and County of Residence
Minnesota WIC Information System**

County	Total ¹	Preterm ² (%)
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Number of infants (percentage per 100 of all infants born during the calendar year)

**** percentages suppressed if denominator < 30

Suggested Citation: Minnesota WIC Information System. *Preterm births in MN WIC by calendar year (3-year totals) and county of residence* . Minnesota WIC Program: 2023.

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

¹Total number of Infants participating in Minnesota WIC with valid gestational age at birth.

²Pre Term birth is gestational age <37 weeks.