

**Multi Year Anemia in Minnesota WIC Infants and Children by Community Health Board and Race/Ethnicity
Minnesota WIC Information System**

CHB of Residence ¹	Undup Total ²	Amer Indian NH	Asian NH ³	Black/ African- Amer NH ⁴	White NH	> 1 Race NH	Hispanic All Races
MINNESOTA							
2019 Total	92,030	2,604	9,764	27,151	29,513	6,998	16,000
2019 Anemia	13,188 (14.3)	437 (16.8)	1,666 (17.1)	5,527 (20.4)	2,644 (9.0)	973 (13.9)	1,941 (12.1)
2018 Total	82,325	2,623	8,550	20,999	29,660	6,310	14,183
2018 Anemia	11,859 (14.4)	473 (18.0)	1,536 (18.0)	4,160 (19.8)	3,009 (10.1)	899 (14.2)	1,782 (12.6)
2017 Total	86,859	2,689	8,885	21,301	32,198	6,724	15,062
2017 Anemia	12,404 (14.3)	420 (15.6)	1,532 (17.2)	4,181 (19.6)	3,332 (10.3)	986 (14.7)	1,953 (13.0)
2016 Total	89,602	2,756	9,129	21,175	33,980	6,916	15,646
2016 Anemia	11,923 (13.3)	420 (15.2)	1,532 (16.8)	3,953 (18.7)	3,170 (9.3)	936 (13.5)	1,912 (12.2)
2015 Total	92,597	2,999	9,123	20,786	35,925	7,279	16,485
2015 Anemia	11,897 (12.8)	427 (14.2)	1,381 (15.1)	3,991 (19.2)	3,146 (8.8)	968 (13.3)	1,984 (12.0)
2014 Total	93,975	3,054	8,878	19,986	37,717	7,551	16,789
2014 Anemia	11,119 (11.8)	495 (16.2)	1,244 (14.0)	3,517 (17.6)	3,016 (8.0)	964 (12.8)	1,883 (11.2)
2013 Total	94,864	3,026	8,800	18,986	39,085	7,578	17,389
2013 Anemia	10,510 (11.1)	541 (17.9)	1,207 (13.7)	3,170 (16.7)	2,859 (7.3)	880 (11.6)	1,853 (10.7)
2012 Total	97,492	3,051	8,388	18,321	42,094	7,553	18,085
2012 Anemia	10,652 (10.9)	548 (18.0)	1,193 (14.2)	3,195 (17.4)	2,977 (7.1)	875 (11.6)	1,864 (10.3)
2011 Total	102,680	3,127	8,264	18,514	45,401	7,870	19,504
2011 Anemia	10,935 (10.6)	484 (15.5)	1,240 (15.0)	3,244 (17.5)	3,089 (6.8)	913 (11.6)	1,965 (10.1)

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AITKIN-ITASCA-KOOCHICHING							
2019 Total	1,021	99	<5	12	768	112	26
2019 Anemia	78 (7.6)	18 (18.2)	0	3 (****)	46 (6.0)	11 (9.8)	0
2018 Total	1,047	109	<5	<5	776	114	38
2018 Anemia	121 (11.6)	21 (19.3)	0	0	79 (10.2)	16 (14.0)	5 (13.2)
2017 Total	1,078	118	<5	<5	804	109	41
2017 Anemia	105 (9.7)	19 (16.1)	0	1 (****)	70 (8.7)	10 (9.2)	5 (12.2)
2016 Total	1,115	111	<5	<5	862	101	33
2016 Anemia	116 (10.4)	22 (19.8)	1 (****)	1 (****)	78 (9.0)	12 (11.9)	2 (6.1)
2015 Total	1,186	140	<5	5	896	101	41
2015 Anemia	116 (9.8)	23 (16.4)	0	1 (****)	73 (8.1)	13 (12.9)	6 (14.6)
2014 Total	1,226	148	<5	10	937	81	47
2014 Anemia	109 (8.9)	22 (14.9)	1 (****)	1 (****)	73 (7.8)	4 (4.9)	8 (17.0)
2013 Total	1,285	147	<5	7	976	90	64
2013 Anemia	118 (9.2)	25 (17.0)	0	2 (****)	73 (7.5)	9 (10.0)	9 (14.1)
2012 Total	1,374	153	<5	5	1,060	97	56
2012 Anemia	100 (7.3)	26 (17.0)	0	0	64 (6.0)	7 (7.2)	3 (5.4)
2011 Total	1,482	160	5	8	1,130	116	63
2011 Anemia	105 (7.1)	18 (11.2)	0	1 (****)	75 (6.6)	6 (5.2)	5 (7.9)

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ANOKA							
2019 Total	3,956	20	405	1,082	1,535	363	551
2019 Anemia	450 (11.4)	5 (****)	39 (9.6)	180 (16.6)	132 (8.6)	44 (12.1)	50 (9.1)
2018 Total	4,011	27	331	1,069	1,615	406	563
2018 Anemia	458 (11.4)	4 (****)	26 (7.9)	164 (15.3)	156 (9.7)	49 (12.1)	59 (10.5)
2017 Total	4,044	28	323	972	1,729	395	597
2017 Anemia	439 (10.9)	5 (****)	27 (8.4)	143 (14.7)	152 (8.8)	43 (10.9)	69 (11.6)
2016 Total	3,964	22	293	913	1,761	395	580
2016 Anemia	403 (10.2)	2 (****)	25 (8.5)	121 (13.3)	164 (9.3)	38 (9.6)	53 (9.1)
2015 Total	4,332	19	267	969	2,036	435	606
2015 Anemia	424 (9.8)	3 (****)	33 (12.4)	126 (13.0)	154 (7.6)	40 (9.2)	68 (11.2)
2014 Total	4,402	27	282	905	2,186	427	575
2014 Anemia	372 (8.5)	2 (****)	24 (8.5)	117 (12.9)	150 (6.9)	33 (7.7)	46 (8.0)
2013 Total	4,215	16	266	885	2,021	427	600
2013 Anemia	343 (8.1)	2 (****)	23 (8.6)	107 (12.1)	139 (6.9)	32 (7.5)	40 (6.7)
2012 Total	4,462	24	274	913	2,187	412	652
2012 Anemia	375 (8.4)	2 (****)	38 (13.9)	119 (13.0)	128 (5.9)	38 (9.2)	50 (7.7)
2011 Total	4,711	22	267	966	2,352	418	686
2011 Anemia	383 (8.1)	3 (****)	24 (9.0)	133 (13.8)	129 (5.5)	43 (10.3)	51 (7.4)

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BELTRAMI							
2019 Total	1,371	761	<5	13	472	80	42
2019 Anemia	210 (15.3)	176 (23.1)	0	1 (****)	22 (4.7)	4 (5.0)	7 (16.7)
2018 Total	1,394	771	<5	12	496	80	32
2018 Anemia	220 (15.8)	176 (22.8)	0	1 (****)	33 (6.7)	4 (5.0)	6 (18.8)
2017 Total	1,461	782	<5	13	526	97	39
2017 Anemia	201 (13.8)	144 (18.4)	2 (****)	2 (****)	42 (8.0)	8 (8.2)	3 (7.7)
2016 Total	1,599	841	5	17	584	107	45
2016 Anemia	174 (10.9)	129 (15.3)	0	2 (****)	33 (5.7)	9 (8.4)	1 (2.2)
2015 Total	1,639	866	<5	15	571	134	50
2015 Anemia	195 (11.9)	129 (14.9)	1 (****)	4 (****)	38 (6.7)	17 (12.7)	6 (12.0)
2014 Total	1,803	908	<5	16	673	150	53
2014 Anemia	284 (15.8)	211 (23.2)	2 (****)	0	47 (7.0)	17 (11.3)	7 (13.2)
2013 Total	1,834	932	<5	18	671	149	60
2013 Anemia	345 (18.8)	264 (28.3)	1 (****)	2 (****)	50 (7.5)	19 (12.8)	9 (15.0)
2012 Total	1,839	905	<5	15	703	160	53
2012 Anemia	358 (19.5)	276 (30.5)	0	3 (****)	50 (7.1)	18 (11.2)	11 (20.8)
2011 Total	2,026	958	<5	10	803	180	71
2011 Anemia	344 (17.0)	241 (25.2)	0	4 (****)	70 (8.7)	20 (11.1)	9 (12.7)

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BENTON							
2019 Total	646	6	<5	154	355	84	46
2019 Anemia	58 (9.0)	1 (****)	0	21 (13.6)	23 (6.5)	5 (6.0)	8 (17.4)
2018 Total	650	6	6	148	366	80	44
2018 Anemia	72 (11.1)	1 (****)	0	28 (18.9)	29 (7.9)	10 (12.5)	4 (9.1)
2017 Total	695	9	<5	151	413	74	45
2017 Anemia	72 (10.4)	2 (****)	0	22 (14.6)	35 (8.5)	7 (9.5)	6 (13.3)
2016 Total	701	<5	<5	172	408	70	46
2016 Anemia	79 (11.3)	0	0	26 (15.1)	40 (9.8)	7 (10.0)	6 (13.0)
2015 Total	687	<5	<5	140	419	84	39
2015 Anemia	78 (11.4)	0	0	22 (15.7)	44 (10.5)	8 (9.5)	4 (10.3)
2014 Total	674	<5	8	86	435	81	61
2014 Anemia	88 (13.1)	1 (****)	1 (****)	18 (20.9)	45 (10.3)	13 (16.0)	10 (16.4)
2013 Total	644	<5	<5	68	443	78	50
2013 Anemia	53 (8.2)	1 (****)	0	7 (10.3)	32 (7.2)	9 (11.5)	4 (8.0)
2012 Total	676	<5	<5	59	492	75	47
2012 Anemia	54 (8.0)	0	0	7 (11.9)	39 (7.9)	7 (9.3)	1 (2.1)
2011 Total	739	6	5	50	557	75	46
2011 Anemia	45 (6.1)	0	0	8 (16.0)	26 (4.7)	7 (9.3)	4 (8.7)

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BLUE EARTH							
2019 Total	811	<5	7	192	430	85	95
2019 Anemia	143 (17.6)	1 (****)	1 (****)	39 (20.3)	74 (17.2)	12 (14.1)	16 (16.8)
2018 Total	840	<5	17	185	482	62	91
2018 Anemia	236 (28.1)	1 (****)	3 (****)	61 (33.0)	131 (27.2)	11 (17.7)	29 (31.9)
2017 Total	814	5	10	178	475	59	87
2017 Anemia	212 (26.0)	2 (****)	1 (****)	63 (35.4)	102 (21.5)	17 (28.8)	27 (31.0)
2016 Total	880	8	15	170	558	52	77
2016 Anemia	185 (21.0)	1 (****)	1 (****)	45 (26.5)	109 (19.5)	10 (19.2)	19 (24.7)
2015 Total	900	<5	17	181	594	50	55
2015 Anemia	145 (16.1)	0	3 (****)	43 (23.8)	80 (13.5)	8 (16.0)	11 (20.0)
2014 Total	901	0	11	175	613	42	60
2014 Anemia	113 (12.5)	0	0	35 (20.0)	65 (10.6)	4 (9.5)	9 (15.0)
2013 Total	935	<5	17	150	660	49	58
2013 Anemia	86 (9.2)	0	1 (****)	14 (9.3)	60 (9.1)	5 (10.2)	6 (10.3)
2012 Total	984	<5	15	158	677	68	64
2012 Anemia	98 (10.0)	0	0	23 (14.6)	61 (9.0)	4 (5.9)	10 (15.6)
2011 Total	1,053	<5	16	147	726	86	75
2011 Anemia	120 (11.4)	0	2 (****)	26 (17.7)	78 (10.7)	9 (10.5)	5 (6.7)

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BROWN-NICOLLET							
2019 Total	779	<5	6	122	468	35	144
2019 Anemia	77 (9.9)	0	0	22 (18.0)	37 (7.9)	5 (14.3)	13 (9.0)
2018 Total	801	<5	<5	98	483	40	173
2018 Anemia	84 (10.5)	0	0	16 (16.3)	41 (8.5)	6 (15.0)	21 (12.1)
2017 Total	799	<5	<5	112	492	33	158
2017 Anemia	78 (9.8)	0	0	14 (12.5)	47 (9.6)	4 (12.1)	13 (8.2)
2016 Total	853	<5	<5	127	533	36	153
2016 Anemia	57 (6.7)	0	0	20 (15.7)	25 (4.7)	4 (11.1)	8 (5.2)
2015 Total	909	<5	<5	114	563	39	189
2015 Anemia	49 (5.4)	0	0	12 (10.5)	21 (3.7)	4 (10.3)	12 (6.3)
2014 Total	938	0	5	106	598	45	184
2014 Anemia	45 (4.8)	0	0	14 (13.2)	24 (4.0)	1 (2.2)	6 (3.3)
2013 Total	881	0	5	79	596	43	158
2013 Anemia	50 (5.7)	0	1 (****)	10 (12.7)	25 (4.2)	4 (9.3)	10 (6.3)
2012 Total	933	0	<5	61	642	45	181
2012 Anemia	58 (6.2)	0	0	7 (11.5)	33 (5.1)	1 (2.2)	17 (9.4)
2011 Total	961	<5	<5	52	667	42	197
2011 Anemia	57 (5.9)	0	0	5 (9.6)	32 (4.8)	6 (14.3)	14 (7.1)

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CARLTON-COOK-LAKE-ST. LOUIS							
2019 Total	2,819	262	7	107	1,843	453	147
2019 Anemia	229 (8.1)	34 (13.0)	2 (****)	23 (21.5)	111 (6.0)	45 (9.9)	14 (9.5)
2018 Total	2,990	287	9	119	1,972	438	165
2018 Anemia	269 (9.0)	37 (12.9)	2 (****)	17 (14.3)	142 (7.2)	52 (11.9)	19 (11.5)
2017 Total	3,258	304	10	127	2,183	472	162
2017 Anemia	239 (7.3)	26 (8.6)	0	22 (17.3)	131 (6.0)	49 (10.4)	11 (6.8)
2016 Total	3,300	291	13	98	2,288	455	155
2016 Anemia	253 (7.7)	28 (9.6)	0	18 (18.4)	160 (7.0)	37 (8.1)	10 (6.5)
2015 Total	3,431	272	14	98	2,400	466	181
2015 Anemia	268 (7.8)	30 (11.0)	2 (****)	17 (17.3)	178 (7.4)	26 (5.6)	15 (8.3)
2014 Total	3,474	278	13	108	2,453	466	156
2014 Anemia	216 (6.2)	25 (9.0)	1 (****)	9 (8.3)	134 (5.5)	37 (7.9)	10 (6.4)
2013 Total	3,660	273	22	108	2,618	476	163
2013 Anemia	245 (6.7)	14 (5.1)	1 (****)	15 (13.9)	165 (6.3)	39 (8.2)	11 (6.7)
2012 Total	3,986	296	22	104	2,842	543	179
2012 Anemia	208 (5.2)	14 (4.7)	4 (****)	16 (15.4)	131 (4.6)	32 (5.9)	11 (6.1)
2011 Total	4,364	295	22	121	3,155	586	185
2011 Anemia	275 (6.3)	24 (8.1)	0	23 (19.0)	175 (5.5)	44 (7.5)	9 (4.9)

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CARVER							
2019 Total	526	<5	24	109	237	23	130
2019 Anemia	58 (11.0)	0	3 (****)	14 (12.8)	28 (11.8)	4 (****)	9 (6.9)
2018 Total	554	0	18	136	227	35	138
2018 Anemia	57 (10.3)	0	0	18 (13.2)	22 (9.7)	2 (5.7)	15 (10.9)
2017 Total	613	0	22	126	278	36	151
2017 Anemia	67 (10.9)	0	2 (****)	16 (12.7)	30 (10.8)	0	19 (12.6)
2016 Total	602	<5	24	110	281	31	152
2016 Anemia	70 (11.6)	0	3 (****)	16 (14.5)	33 (11.7)	4 (12.9)	14 (9.2)
2015 Total	598	<5	21	112	266	34	162
2015 Anemia	61 (10.2)	0	2 (****)	12 (10.7)	25 (9.4)	3 (8.8)	19 (11.7)
2014 Total	596	0	19	90	300	29	158
2014 Anemia	48 (8.1)	0	2 (****)	7 (7.8)	23 (7.7)	1 (****)	15 (9.5)
2013 Total	618	<5	23	89	312	26	166
2013 Anemia	38 (6.1)	0	1 (****)	6 (6.7)	21 (6.7)	3 (****)	7 (4.2)
2012 Total	642	<5	29	80	321	34	176
2012 Anemia	42 (6.5)	0	3 (****)	5 (6.2)	18 (5.6)	1 (2.9)	15 (8.5)
2011 Total	684	0	30	84	349	28	193
2011 Anemia	51 (7.5)	0	2 (6.7)	10 (11.9)	20 (5.7)	4 (****)	15 (7.8)

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CASS							
2019 Total	661	303	5	<5	250	60	41
2019 Anemia	88 (13.3)	59 (19.5)	2 (****)	0	8 (3.2)	12 (20.0)	7 (17.1)
2018 Total	704	314	<5	<5	290	56	37
2018 Anemia	133 (18.9)	90 (28.7)	0	0	27 (9.3)	7 (12.5)	9 (24.3)
2017 Total	686	272	<5	<5	328	51	31
2017 Anemia	94 (13.7)	61 (22.4)	0	1 (****)	15 (4.6)	12 (23.5)	5 (16.1)
2016 Total	719	271	<5	<5	375	47	25
2016 Anemia	105 (14.6)	76 (28.0)	0	0	18 (4.8)	9 (19.1)	2 (****)
2015 Total	825	372	<5	<5	363	57	29
2015 Anemia	115 (13.9)	78 (21.0)	0	1 (****)	20 (5.5)	10 (17.5)	6 (****)
2014 Total	785	343	<5	<5	354	62	22
2014 Anemia	95 (12.1)	73 (21.3)	0	1 (****)	14 (4.0)	6 (9.7)	1 (****)
2013 Total	814	365	<5	<5	350	77	20
2013 Anemia	102 (12.5)	78 (21.4)	1 (****)	1 (****)	10 (2.9)	11 (14.3)	1 (****)
2012 Total	847	369	<5	<5	368	84	23
2012 Anemia	93 (11.0)	63 (17.1)	1 (****)	0	15 (4.1)	11 (13.1)	3 (****)
2011 Total	956	385	<5	5	444	85	34
2011 Anemia	51 (5.3)	29 (7.5)	0	1 (****)	9 (2.0)	11 (12.9)	1 (2.9)

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CHISAGO							
2019 Total	492	<5	22	<5	386	49	31
2019 Anemia	43 (8.7)	0	1 (****)	0	33 (8.5)	7 (14.3)	2 (6.5)
2018 Total	534	<5	22	7	417	51	34
2018 Anemia	58 (10.9)	0	1 (****)	1 (****)	48 (11.5)	6 (11.8)	2 (5.9)
2017 Total	585	<5	24	<5	463	54	37
2017 Anemia	77 (13.2)	1 (****)	4 (****)	1 (****)	60 (13.0)	7 (13.0)	4 (10.8)
2016 Total	575	5	11	<5	474	39	44
2016 Anemia	71 (12.3)	0	0	1 (****)	58 (12.2)	3 (7.7)	9 (20.5)
2015 Total	603	7	11	<5	484	52	48
2015 Anemia	55 (9.1)	0	4 (****)	1 (****)	45 (9.3)	3 (5.8)	2 (4.2)
2014 Total	597	7	15	<5	487	40	46
2014 Anemia	40 (6.7)	0	1 (****)	0	32 (6.6)	2 (5.0)	5 (10.9)
2013 Total	676	8	10	7	571	34	46
2013 Anemia	34 (5.0)	0	0	1 (****)	27 (4.7)	3 (8.8)	3 (6.5)
2012 Total	698	9	5	<5	595	40	45
2012 Anemia	42 (6.0)	1 (****)	1 (****)	0	34 (5.7)	3 (7.5)	3 (6.7)
2011 Total	742	11	11	<5	621	42	55
2011 Anemia	65 (8.8)	2 (****)	1 (****)	0	56 (9.0)	3 (7.1)	3 (5.5)

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COUNTRYSIDE							
2019 Total	797	15	51	12	523	34	162
2019 Anemia	92 (11.5)	3 (****)	9 (17.6)	3 (****)	48 (9.2)	5 (14.7)	24 (14.8)
2018 Total	883	17	64	18	573	29	182
2018 Anemia	86 (9.7)	2 (****)	9 (14.1)	3 (****)	39 (6.8)	5 (****)	28 (15.4)
2017 Total	923	20	53	19	607	34	190
2017 Anemia	131 (14.2)	3 (****)	13 (24.5)	3 (****)	67 (11.0)	6 (17.6)	39 (20.5)
2016 Total	940	17	37	24	623	35	204
2016 Anemia	93 (9.9)	2 (****)	7 (18.9)	3 (****)	53 (8.5)	0	28 (13.7)
2015 Total	974	14	34	20	667	37	202
2015 Anemia	152 (15.6)	4 (****)	11 (32.4)	5 (****)	84 (12.6)	10 (27.0)	38 (18.8)
2014 Total	976	15	35	24	684	30	188
2014 Anemia	122 (12.5)	2 (****)	4 (11.4)	4 (****)	79 (11.5)	2 (6.7)	31 (16.5)
2013 Total	977	9	20	16	740	25	167
2013 Anemia	103 (10.5)	0	2 (****)	1 (****)	74 (10.0)	5 (****)	21 (12.6)
2012 Total	1,053	19	20	20	806	28	160
2012 Anemia	106 (10.1)	2 (****)	5 (****)	4 (****)	70 (8.7)	3 (****)	22 (13.8)
2011 Total	1,109	19	17	23	867	32	151
2011 Anemia	92 (8.3)	2 (****)	2 (****)	3 (****)	65 (7.5)	4 (12.5)	16 (10.6)

**Multi Year Anemia in Minnesota WIC Infants and Children by Community Health Board and Race/Ethnicity
Minnesota WIC Information System**

CHB of Residence ¹	Undup Total ²	Amer Indian NH	Asian NH ³	Black/ African- Amer NH ⁴	White NH	> 1 Race NH	Hispanic All Races
CROW WING							
2019 Total	921	41	<5	7	750	77	42
2019 Anemia	87 (9.4)	6 (14.6)	0	1 (****)	69 (9.2)	4 (5.2)	7 (16.7)
2018 Total	954	32	6	12	783	76	45
2018 Anemia	128 (13.4)	4 (12.5)	1 (****)	1 (****)	105 (13.4)	8 (10.5)	9 (20.0)
2017 Total	1,031	32	5	6	843	98	47
2017 Anemia	192 (18.6)	7 (21.9)	0	0	155 (18.4)	20 (20.4)	10 (21.3)
2016 Total	1,089	30	5	7	886	115	46
2016 Anemia	209 (19.2)	6 (20.0)	3 (****)	1 (****)	163 (18.4)	28 (24.3)	8 (17.4)
2015 Total	1,158	31	<5	10	961	112	42
2015 Anemia	89 (7.7)	1 (3.2)	0	1 (****)	73 (7.6)	11 (9.8)	3 (7.1)
2014 Total	1,207	14	<5	13	1,026	111	42
2014 Anemia	89 (7.4)	1 (****)	0	1 (****)	70 (6.8)	13 (11.7)	4 (9.5)
2013 Total	1,289	21	<5	14	1,108	101	43
2013 Anemia	67 (5.2)	2 (****)	0	3 (****)	55 (5.0)	5 (5.0)	2 (4.7)
2012 Total	1,331	18	<5	12	1,166	90	42
2012 Anemia	57 (4.3)	2 (****)	0	3 (****)	46 (3.9)	6 (6.7)	0
2011 Total	1,506	14	<5	9	1,352	93	35
2011 Anemia	57 (3.8)	1 (****)	1 (****)	0	42 (3.1)	10 (10.8)	3 (8.6)

**Multi Year Anemia in Minnesota WIC Infants and Children by Community Health Board and Race/Ethnicity
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CHB of Residence ¹	Undup Total ²	Amer Indian NH	Asian NH ³	Black/ African- Amer NH ⁴	White NH	> 1 Race NH	Hispanic All Races
DAKOTA							
2019 Total	4,227	20	214	1,394	1,064	378	1,157
2019 Anemia	398 (9.4)	3 (****)	10 (4.7)	157 (11.3)	86 (8.1)	42 (11.1)	100 (8.6)
2018 Total	4,533	21	239	1,450	1,147	423	1,253
2018 Anemia	462 (10.2)	3 (****)	30 (12.6)	149 (10.3)	106 (9.2)	45 (10.6)	129 (10.3)
2017 Total	4,607	25	214	1,485	1,239	429	1,215
2017 Anemia	428 (9.3)	3 (****)	12 (5.6)	151 (10.2)	107 (8.6)	50 (11.7)	105 (8.6)
2016 Total	4,693	19	241	1,380	1,317	449	1,287
2016 Anemia	452 (9.6)	0	23 (9.5)	146 (10.6)	96 (7.3)	55 (12.2)	132 (10.3)
2015 Total	4,841	23	241	1,377	1,441	416	1,343
2015 Anemia	433 (8.9)	1 (****)	21 (8.7)	162 (11.8)	112 (7.8)	36 (8.7)	101 (7.5)
2014 Total	4,994	29	222	1,343	1,629	440	1,331
2014 Anemia	394 (7.9)	4 (****)	18 (8.1)	127 (9.5)	100 (6.1)	36 (8.2)	109 (8.2)
2013 Total	5,159	21	221	1,328	1,672	437	1,480
2013 Anemia	421 (8.2)	3 (****)	15 (6.8)	126 (9.5)	105 (6.3)	48 (11.0)	124 (8.4)
2012 Total	5,301	23	216	1,329	1,861	415	1,457
2012 Anemia	461 (8.7)	3 (****)	17 (7.9)	145 (10.9)	137 (7.4)	47 (11.3)	112 (7.7)
2011 Total	5,510	22	237	1,286	1,954	431	1,580
2011 Anemia	458 (8.3)	3 (****)	20 (8.4)	139 (10.8)	135 (6.9)	41 (9.5)	120 (7.6)

**Multi Year Anemia in Minnesota WIC Infants and Children by Community Health Board and Race/Ethnicity
Minnesota WIC Information System**

CHB of Residence ¹	Undup Total ²	Amer Indian NH	Asian NH ³	Black/ African- Amer NH ⁴	White NH	> 1 Race NH	Hispanic All Races
DES MOINES VALLEY							
2019 Total	387	<5	15	18	215	33	104
2019 Anemia	40 (10.3)	0	0	3 (****)	17 (7.9)	4 (12.1)	16 (15.4)
2018 Total	394	<5	17	17	218	35	106
2018 Anemia	61 (15.5)	0	6 (****)	4 (****)	33 (15.1)	4 (11.4)	14 (13.2)
2017 Total	397	<5	17	12	221	41	104
2017 Anemia	128 (32.2)	0	10 (****)	8 (****)	75 (33.9)	11 (26.8)	24 (23.1)
2016 Total	409	<5	22	12	226	39	110
2016 Anemia	52 (12.7)	0	4 (****)	3 (****)	26 (11.5)	5 (12.8)	14 (12.7)
2015 Total	428	<5	29	8	236	64	89
2015 Anemia	66 (15.4)	0	9 (****)	2 (****)	28 (11.9)	16 (25.0)	11 (12.4)
2014 Total	399	0	21	<5	215	55	105
2014 Anemia	54 (13.5)	0	5 (****)	1 (****)	28 (13.0)	10 (18.2)	10 (9.5)
2013 Total	444	<5	24	<5	246	65	105
2013 Anemia	60 (13.5)	0	7 (****)	1 (****)	30 (12.2)	10 (15.4)	12 (11.4)
2012 Total	478	0	21	<5	273	64	116
2012 Anemia	98 (20.5)	0	7 (****)	2 (****)	49 (17.9)	18 (28.1)	22 (19.0)
2011 Total	487	0	28	<5	290	59	106
2011 Anemia	54 (11.1)	0	4 (****)	0	34 (11.7)	5 (8.5)	11 (10.4)

**Multi Year Anemia in Minnesota WIC Infants and Children by Community Health Board and Race/Ethnicity
Minnesota WIC Information System**

CHB of Residence ¹	Undup Total ²	Amer Indian NH	Asian NH ³	Black/ African- Amer NH ⁴	White NH	> 1 Race NH	Hispanic All Races
DODGE-STEELE							
2019 Total	859	<5	5	136	438	49	229
2019 Anemia	101 (11.8)	0	1 (****)	22 (16.2)	39 (8.9)	11 (22.4)	28 (12.2)
2018 Total	905	<5	10	139	457	59	237
2018 Anemia	66 (7.3)	0	1 (****)	11 (7.9)	40 (8.8)	5 (8.5)	9 (3.8)
2017 Total	963	0	11	131	489	63	269
2017 Anemia	73 (7.6)	0	0	8 (6.1)	48 (9.8)	3 (4.8)	14 (5.2)
2016 Total	1,094	<5	10	123	597	74	290
2016 Anemia	108 (9.9)	0	0	20 (16.3)	64 (10.7)	6 (8.1)	18 (6.2)
2015 Total	1,100	<5	6	139	586	71	296
2015 Anemia	133 (12.1)	1 (****)	0	29 (20.9)	60 (10.2)	7 (9.9)	36 (12.2)
2014 Total	1,111	<5	7	133	605	81	283
2014 Anemia	102 (9.2)	1 (****)	0	21 (15.8)	47 (7.8)	9 (11.1)	24 (8.5)
2013 Total	1,171	<5	7	125	672	93	271
2013 Anemia	94 (8.0)	0	0	13 (10.4)	46 (6.8)	6 (6.5)	29 (10.7)
2012 Total	1,226	<5	7	123	718	88	287
2012 Anemia	81 (6.6)	0	0	5 (4.1)	56 (7.8)	6 (6.8)	14 (4.9)
2011 Total	1,340	<5	9	119	801	94	313
2011 Anemia	88 (6.6)	0	0	10 (8.4)	52 (6.5)	6 (6.4)	20 (6.4)

**Multi Year Anemia in Minnesota WIC Infants and Children by Community Health Board and Race/Ethnicity
Minnesota WIC Information System**

CHB of Residence ¹	Undup Total ²	Amer Indian NH	Asian NH ³	Black/ African- Amer NH ⁴	White NH	> 1 Race NH	Hispanic All Races
EDINA							
2019 Total	136	<5	7	62	31	7	27
2019 Anemia	17 (12.5)	0	1 (****)	9 (14.5)	5 (16.1)	1 (****)	1 (****)
2018 Total	139	<5	8	67	29	5	28
2018 Anemia	10 (7.2)	0	1 (****)	5 (7.5)	3 (****)	0	1 (****)
2017 Total	149	<5	10	65	34	11	27
2017 Anemia	14 (9.4)	0	1 (****)	7 (10.8)	3 (8.8)	0	3 (****)
2016 Total	156	<5	9	72	39	8	28
2016 Anemia	15 (9.6)	0	1 (****)	7 (9.7)	2 (5.1)	3 (****)	2 (****)
2015 Total	168	<5	6	80	41	9	31
2015 Anemia	15 (8.9)	1 (****)	0	10 (12.5)	3 (7.3)	0	1 (3.2)
2014 Total	176	0	9	86	37	10	34
2014 Anemia	16 (9.1)	0	1 (****)	8 (9.3)	2 (5.4)	1 (****)	4 (11.8)
2013 Total	178	0	7	84	43	11	33
2013 Anemia	20 (11.2)	0	0	11 (13.1)	2 (4.7)	2 (****)	5 (15.2)
2012 Total	169	0	8	80	45	8	28
2012 Anemia	18 (10.7)	0	2 (****)	10 (12.5)	3 (6.7)	1 (****)	2 (****)
2011 Total	175	0	9	89	38	10	29
2011 Anemia	11 (6.3)	0	2 (****)	2 (2.2)	3 (7.9)	1 (****)	3 (****)

**Multi Year Anemia in Minnesota WIC Infants and Children by Community Health Board and Race/Ethnicity
Minnesota WIC Information System**

CHB of Residence ¹	Undup Total ²	Amer Indian NH	Asian NH ³	Black/ African- Amer NH ⁴	White NH	> 1 Race NH	Hispanic All Races
FARIBAULT-MARTIN							
2019 Total	575	0	<5	7	365	16	186
2019 Anemia	53 (9.2)	0	0	1 (****)	28 (7.7)	2 (****)	22 (11.8)
2018 Total	550	0	<5	6	357	19	167
2018 Anemia	81 (14.7)	0	0	2 (****)	44 (12.3)	3 (****)	32 (19.2)
2017 Total	610	0	<5	6	409	21	173
2017 Anemia	102 (16.7)	0	0	0	69 (16.9)	4 (****)	29 (16.8)
2016 Total	636	<5	<5	<5	459	24	147
2016 Anemia	79 (12.4)	0	0	1 (****)	51 (11.1)	3 (****)	24 (16.3)
2015 Total	652	<5	<5	5	473	30	142
2015 Anemia	100 (15.3)	0	0	3 (****)	69 (14.6)	5 (16.7)	23 (16.2)
2014 Total	723	<5	0	<5	548	29	140
2014 Anemia	88 (12.2)	0	0	1 (****)	68 (12.4)	5 (****)	14 (10.0)
2013 Total	699	<5	0	5	530	25	135
2013 Anemia	67 (9.6)	0	0	1 (****)	45 (8.5)	2 (****)	19 (14.1)
2012 Total	746	<5	<5	5	559	35	145
2012 Anemia	59 (7.9)	0	0	1 (****)	44 (7.9)	4 (11.4)	10 (6.9)
2011 Total	800	<5	<5	6	590	37	165
2011 Anemia	64 (8.0)	0	0	0	47 (8.0)	2 (5.4)	15 (9.1)

**Multi Year Anemia in Minnesota WIC Infants and Children by Community Health Board and Race/Ethnicity
Minnesota WIC Information System**

CHB of Residence ¹	Undup Total ²	Amer Indian NH	Asian NH ³	Black/ African- Amer NH ⁴	White NH	> 1 Race NH	Hispanic All Races
FILLMORE- HOUSTON							
2019 Total	470	0	<5	<5	414	30	20
2019 Anemia	65 (13.8)	0	1 (****)	0	56 (13.5)	5 (16.7)	3 (****)
2018 Total	469	0	0	<5	409	36	23
2018 Anemia	64 (13.6)	0	0	0	55 (13.4)	8 (22.2)	1 (****)
2017 Total	489	<5	<5	8	419	32	27
2017 Anemia	58 (11.9)	1 (****)	1 (****)	0	50 (11.9)	2 (6.2)	4 (****)
2016 Total	517	<5	<5	9	451	28	25
2016 Anemia	50 (9.7)	0	0	2 (****)	41 (9.1)	4 (****)	3 (****)
2015 Total	534	<5	<5	9	458	32	30
2015 Anemia	51 (9.6)	0	0	4 (****)	40 (8.7)	3 (9.4)	4 (13.3)
2014 Total	498	<5	<5	<5	448	25	19
2014 Anemia	69 (13.9)	0	0	0	63 (14.1)	5 (****)	1 (****)
2013 Total	499	0	0	<5	455	18	22
2013 Anemia	66 (13.2)	0	0	1 (****)	56 (12.3)	5 (****)	4 (****)
2012 Total	545	0	<5	<5	500	22	19
2012 Anemia	80 (14.7)	0	0	1 (****)	72 (14.4)	4 (****)	3 (****)
2011 Total	622	0	<5	<5	575	27	16
2011 Anemia	55 (8.8)	0	0	0	47 (8.2)	4 (****)	4 (****)

**Multi Year Anemia in Minnesota WIC Infants and Children by Community Health Board and Race/Ethnicity
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CHB of Residence ¹	Undup Total ²	Amer Indian NH	Asian NH ³	Black/ African- Amer NH ⁴	White NH	> 1 Race NH	Hispanic All Races
FREEBORN							
2019 Total	566	0	79	25	273	30	159
2019 Anemia	27 (4.8)	0	11 (13.9)	0	8 (2.9)	0	8 (5.0)
2018 Total	567	0	79	20	285	26	157
2018 Anemia	52 (9.2)	0	14 (17.7)	3 (****)	18 (6.3)	4 (****)	13 (8.3)
2017 Total	628	0	67	22	319	24	196
2017 Anemia	63 (10.0)	0	14 (20.9)	4 (****)	22 (6.9)	3 (****)	20 (10.2)
2016 Total	652	<5	73	32	358	24	165
2016 Anemia	67 (10.3)	0	15 (20.5)	8 (25.0)	25 (7.0)	1 (****)	18 (10.9)
2015 Total	748	<5	57	39	396	42	214
2015 Anemia	69 (9.2)	0	9 (15.8)	13 (33.3)	24 (6.1)	6 (14.3)	17 (7.9)
2014 Total	769	0	35	37	419	32	246
2014 Anemia	58 (7.5)	0	8 (22.9)	10 (27.0)	20 (4.8)	2 (6.2)	18 (7.3)
2013 Total	748	0	26	34	418	28	242
2013 Anemia	39 (5.2)	0	8 (****)	7 (20.6)	10 (2.4)	4 (****)	10 (4.1)
2012 Total	805	0	27	27	440	29	282
2012 Anemia	24 (3.0)	0	3 (****)	2 (****)	7 (1.6)	1 (****)	11 (3.9)
2011 Total	833	<5	25	22	454	38	293
2011 Anemia	47 (5.6)	0	9 (****)	2 (****)	16 (3.5)	3 (7.9)	17 (5.8)

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CHB of Residence ¹	Undup Total ²	Amer Indian NH	Asian NH ³	Black/ African- Amer NH ⁴	White NH	> 1 Race NH	Hispanic All Races
GOODHUE							
2019 Total	1,045	<5	66	454	153	88	282
2019 Anemia	92 (8.8)	0	8 (12.1)	52 (11.5)	6 (3.9)	8 (9.1)	18 (6.4)
2018 Total	454	5	<5	24	295	57	70
2018 Anemia	52 (11.5)	1 (****)	1 (****)	12 (****)	21 (7.1)	7 (12.3)	10 (14.3)
2017 Total	531	7	<5	20	362	68	70
2017 Anemia	53 (10.0)	1 (****)	0	5 (****)	28 (7.7)	9 (13.2)	10 (14.3)
2016 Total	531	10	<5	22	355	63	80
2016 Anemia	45 (8.5)	0	1 (****)	1 (****)	24 (6.8)	8 (12.7)	11 (13.8)
2015 Total	566	5	<5	22	397	54	87
2015 Anemia	52 (9.2)	1 (****)	1 (****)	5 (****)	32 (8.1)	9 (16.7)	4 (4.6)
2014 Total	592	10	<5	25	398	63	93
2014 Anemia	60 (10.1)	2 (****)	0	5 (****)	36 (9.0)	9 (14.3)	8 (8.6)
2013 Total	638	7	<5	21	447	54	107
2013 Anemia	42 (6.6)	0	0	2 (****)	27 (6.0)	5 (9.3)	8 (7.5)
2012 Total	680	8	<5	32	462	63	113
2012 Anemia	41 (6.0)	0	0	3 (9.4)	26 (5.6)	5 (7.9)	7 (6.2)
2011 Total	720	11	<5	25	504	47	130
2011 Anemia	51 (7.1)	2 (****)	0	5 (****)	31 (6.2)	3 (6.4)	10 (7.7)

**Multi Year Anemia in Minnesota WIC Infants and Children by Community Health Board and Race/Ethnicity
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CHB of Residence ¹	Undup Total ²	Amer Indian NH	Asian NH ³	Black/ African- Amer NH ⁴	White NH	> 1 Race NH	Hispanic All Races
BLOOMINGTON							
2019 Total	1,045	<5	66	454	153	88	282
2019 Anemia	92 (8.8)	0	8 (12.1)	52 (11.5)	6 (3.9)	8 (9.1)	18 (6.4)
2018 Total	1,079	<5	71	426	158	80	341
2018 Anemia	85 (7.9)	0	8 (11.3)	33 (7.7)	11 (7.0)	9 (11.2)	24 (7.0)
2017 Total	1,156	<5	78	437	185	94	361
2017 Anemia	107 (9.3)	0	11 (14.1)	49 (11.2)	10 (5.4)	7 (7.4)	30 (8.3)
2016 Total	1,148	<5	83	418	184	95	365
2016 Anemia	133 (11.6)	0	12 (14.5)	65 (15.6)	15 (8.2)	7 (7.4)	34 (9.3)
2015 Total	1,159	<5	86	426	177	95	373
2015 Anemia	118 (10.2)	0	8 (9.3)	56 (13.1)	8 (4.5)	12 (12.6)	34 (9.1)
2014 Total	1,152	6	75	410	211	100	350
2014 Anemia	109 (9.5)	0	7 (9.3)	40 (9.8)	19 (9.0)	8 (8.0)	35 (10.0)
2013 Total	1,177	<5	78	388	223	118	366
2013 Anemia	118 (10.0)	0	12 (15.4)	46 (11.9)	14 (6.3)	11 (9.3)	35 (9.6)
2012 Total	1,180	5	76	353	229	115	402
2012 Anemia	144 (12.2)	1 (****)	11 (14.5)	55 (15.6)	20 (8.7)	13 (11.3)	44 (10.9)
2011 Total	1,198	<5	78	365	227	113	412
2011 Anemia	130 (10.9)	1 (****)	6 (7.7)	52 (14.2)	16 (7.0)	11 (9.7)	44 (10.7)

**Multi Year Anemia in Minnesota WIC Infants and Children by Community Health Board and Race/Ethnicity
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CHB of Residence ¹	Undup Total ²	Amer Indian NH	Asian NH ³	Black/ African- Amer NH ⁴	White NH	> 1 Race NH	Hispanic All Races
HENNEPIN MINNEAPOLIS							
2019 Total	6,830	111	553	3,812	349	453	1,552
2019 Anemia	1,393 (20.4)	10 (9.0)	97 (17.5)	883 (23.2)	47 (13.5)	89 (19.6)	267 (17.2)
2018 Total	8,112	119	630	4,518	432	568	1,845
2018 Anemia	1,718 (21.2)	24 (20.2)	108 (17.1)	1,074 (23.8)	73 (16.9)	117 (20.6)	322 (17.5)
2017 Total	8,956	155	712	4,817	519	620	2,133
2017 Anemia	1,833 (20.5)	38 (24.5)	115 (16.2)	1,074 (22.3)	72 (13.9)	130 (21.0)	404 (18.9)
2016 Total	9,826	205	801	5,152	569	710	2,389
2016 Anemia	1,870 (19.0)	44 (21.5)	105 (13.1)	1,083 (21.0)	71 (12.5)	144 (20.3)	423 (17.7)
2015 Total	10,114	225	879	5,097	597	740	2,576
2015 Anemia	1,987 (19.6)	54 (24.0)	132 (15.0)	1,118 (21.9)	80 (13.4)	148 (20.0)	455 (17.7)
2014 Total	10,502	238	851	5,075	671	843	2,824
2014 Anemia	1,840 (17.5)	44 (18.5)	129 (15.2)	947 (18.7)	75 (11.2)	186 (22.1)	459 (16.3)
2013 Total	10,362	238	866	4,785	685	816	2,972
2013 Anemia	1,763 (17.0)	44 (18.5)	125 (14.4)	884 (18.5)	87 (12.7)	157 (19.2)	466 (15.7)
2012 Total	10,140	244	807	4,487	749	790	3,063
2012 Anemia	1,689 (16.7)	40 (16.4)	137 (17.0)	841 (18.7)	76 (10.1)	137 (17.3)	458 (15.0)
2011 Total	10,835	232	818	4,687	836	850	3,412
2011 Anemia	1,692 (15.6)	50 (21.6)	106 (13.0)	811 (17.3)	102 (12.2)	147 (17.3)	476 (14.0)

**Multi Year Anemia in Minnesota WIC Infants and Children by Community Health Board and Race/Ethnicity
Minnesota WIC Information System**

CHB of Residence ¹	Undup Total ²	Amer Indian NH	Asian NH ³	Black/ African- Amer NH ⁴	White NH	> 1 Race NH	Hispanic All Races
RICHFIELD							
2019 Total	504	<5	31	131	50	39	250
2019 Anemia	50 (9.9)	1 (****)	6 (19.4)	17 (13.0)	5 (10.0)	4 (10.3)	17 (6.8)
2018 Total	580	<5	35	137	52	53	300
2018 Anemia	64 (11.0)	0	6 (17.1)	15 (10.9)	6 (11.5)	3 (5.7)	34 (11.3)
2017 Total	608	<5	27	143	64	50	320
2017 Anemia	54 (8.9)	0	5 (****)	13 (9.1)	7 (10.9)	2 (4.0)	27 (8.4)
2016 Total	653	<5	28	144	65	54	358
2016 Anemia	70 (10.7)	0	4 (****)	16 (11.1)	9 (13.8)	4 (7.4)	37 (10.3)
2015 Total	712	8	28	133	73	58	412
2015 Anemia	69 (9.7)	2 (****)	5 (****)	15 (11.3)	7 (9.6)	4 (6.9)	36 (8.7)
2014 Total	764	5	38	140	71	52	458
2014 Anemia	77 (10.1)	2 (****)	4 (10.5)	22 (15.7)	2 (2.8)	9 (17.3)	38 (8.3)
2013 Total	794	8	42	134	71	57	482
2013 Anemia	74 (9.3)	0	4 (9.5)	18 (13.4)	6 (8.5)	7 (12.3)	39 (8.1)
2012 Total	789	7	50	115	70	72	475
2012 Anemia	74 (9.4)	0	5 (10.0)	15 (13.0)	8 (11.4)	9 (12.5)	37 (7.8)
2011 Total	836	5	34	112	81	64	540
2011 Anemia	82 (9.8)	1 (****)	2 (5.9)	16 (14.3)	8 (9.9)	6 (9.4)	49 (9.1)

**Multi Year Anemia in Minnesota WIC Infants and Children by Community Health Board and Race/Ethnicity
Minnesota WIC Information System**

CHB of Residence ¹	Undup Total ²	Amer Indian NH	Asian NH ³	Black/ African- Amer NH ⁴	White NH	> 1 Race NH	Hispanic All Races
HENNEPIN SUBURBAN							
2019 Total	5,964	23	939	2,870	855	490	787
2019 Anemia	1,111 (18.6)	4 (****)	140 (14.9)	664 (23.1)	109 (12.7)	81 (16.5)	113 (14.4)
2018 Total	6,749	32	1,083	3,201	981	570	882
2018 Anemia	1,291 (19.1)	3 (9.4)	195 (18.0)	736 (23.0)	128 (13.0)	98 (17.2)	131 (14.9)
2017 Total	7,532	39	1,237	3,445	1,127	631	1,053
2017 Anemia	1,342 (17.8)	5 (12.8)	183 (14.8)	759 (22.0)	138 (12.2)	112 (17.7)	145 (13.8)
2016 Total	7,578	45	1,198	3,435	1,160	674	1,066
2016 Anemia	1,360 (17.9)	10 (22.2)	180 (15.0)	763 (22.2)	131 (11.3)	108 (16.0)	168 (15.8)
2015 Total	7,860	38	1,204	3,448	1,212	737	1,221
2015 Anemia	1,412 (18.0)	4 (10.5)	167 (13.9)	795 (23.1)	134 (11.1)	128 (17.4)	184 (15.1)
2014 Total	8,635	47	1,216	3,525	1,305	828	1,714
2014 Anemia	1551 (18.0)	6 (12.8)	200 (16.4)	800 (22.7)	161 (12.3)	138 (16.7)	246 (14.4)
2013 Total	7,875	35	1,134	3,327	1,326	754	1,299
2013 Anemia	1,355 (17.2)	7 (20.0)	156 (13.8)	725 (21.8)	134 (10.1)	122 (16.2)	211 (16.2)
2012 Total	7,733	37	1,034	3,293	1,306	725	1,338
2012 Anemia	1,249 (16.2)	2 (5.4)	127 (12.3)	735 (22.3)	136 (10.4)	93 (12.8)	156 (11.7)
2011 Total	8,416	27	1,139	3,454	1,495	763	1,538
2011 Anemia	1,436 (17.1)	2 (7.4)	183 (16.1)	796 (23.0)	151 (10.1)	112 (14.7)	192 (12.5)

**Multi Year Anemia in Minnesota WIC Infants and Children by Community Health Board and Race/Ethnicity
Minnesota WIC Information System**

CHB of Residence ¹	Undup Total ²	Amer Indian NH	Asian NH ³	Black/ African- Amer NH ⁴	White NH	> 1 Race NH	Hispanic All Races
HORIZON							
2019 Total	946	23	7	15	766	34	101
2019 Anemia	154 (16.3)	4 (****)	2 (****)	7 (****)	113 (14.8)	10 (29.4)	18 (17.8)
2018 Total	1,027	23	<5	14	820	37	129
2018 Anemia	166 (16.2)	3 (****)	0	3 (****)	130 (15.9)	5 (13.5)	25 (19.4)
2017 Total	1,086	20	<5	20	882	38	122
2017 Anemia	125 (11.5)	0	1 (****)	3 (****)	100 (11.3)	4 (10.5)	17 (13.9)
2016 Total	1,113	14	6	17	923	33	120
2016 Anemia	145 (13.0)	1 (****)	0	4 (****)	119 (12.9)	5 (15.2)	16 (13.3)
2015 Total	1,161	18	<5	15	941	51	132
2015 Anemia	108 (9.3)	2 (****)	0	2 (****)	83 (8.8)	3 (5.9)	18 (13.6)
2014 Total	1,253	15	<5	14	1,028	64	129
2014 Anemia	134 (10.7)	1 (****)	0	3 (****)	108 (10.5)	6 (9.4)	16 (12.4)
2013 Total	1,222	19	5	12	1,021	59	106
2013 Anemia	101 (8.3)	2 (****)	0	1 (****)	81 (7.9)	6 (10.2)	11 (10.4)
2012 Total	1,318	18	8	12	1,116	70	94
2012 Anemia	102 (7.7)	1 (****)	0	1 (****)	90 (8.1)	7 (10.0)	3 (3.2)
2011 Total	1,394	17	9	16	1,197	49	106
2011 Anemia	83 (6.0)	1 (****)	0	2 (****)	70 (5.8)	5 (10.2)	5 (4.7)

**Multi Year Anemia in Minnesota WIC Infants and Children by Community Health Board and Race/Ethnicity
Minnesota WIC Information System**

CHB of Residence ¹	Undup Total ²	Amer Indian NH	Asian NH ³	Black/ African- Amer NH ⁴	White NH	> 1 Race NH	Hispanic All Races
ISANTI							
2019 Total	581	<5	6	10	478	56	28
2019 Anemia	35 (6.0)	0	1 (****)	0	27 (5.6)	3 (5.4)	4 (****)
2018 Total	577	<5	5	8	471	50	41
2018 Anemia	28 (4.9)	0	1 (****)	0	21 (4.5)	2 (4.0)	4 (9.8)
2017 Total	630	<5	6	11	514	57	38
2017 Anemia	36 (5.7)	2 (****)	1 (****)	0	30 (5.8)	1 (1.8)	2 (5.3)
2016 Total	677	9	7	5	562	56	38
2016 Anemia	34 (5.0)	0	0	3 (****)	23 (4.1)	6 (10.7)	2 (5.3)
2015 Total	678	8	5	<5	572	61	28
2015 Anemia	35 (5.2)	0	0	0	32 (5.6)	3 (4.9)	0
2014 Total	647	8	7	5	543	50	34
2014 Anemia	27 (4.2)	1 (****)	1 (****)	0	23 (4.2)	2 (4.0)	0
2013 Total	647	8	7	5	543	50	34
2013 Anemia	21 (3.1)	0	0	1 (****)	16 (2.8)	3 (6.5)	1 (3.0)
2012 Total	779	7	7	7	673	48	37
2012 Anemia	36 (4.6)	0	0	0	31 (4.6)	3 (6.2)	2 (5.4)
2011 Total	781	<5	9	<5	677	44	44
2011 Anemia	33 (4.2)	0	1 (****)	1 (****)	28 (4.1)	2 (4.5)	1 (2.3)

**Multi Year Anemia in Minnesota WIC Infants and Children by Community Health Board and Race/Ethnicity
Minnesota WIC Information System**

CHB of Residence ¹	Undup Total ²	Amer Indian NH	Asian NH ³	Black/ African- Amer NH ⁴	White NH	> 1 Race NH	Hispanic All Races
KANABEC							
2019 Total	287	<5	<5	<5	243	21	16
2019 Anemia	41 (14.3)	0	0	0	36 (14.8)	2 (****)	3 (****)
2018 Total	303	<5	<5	7	248	21	19
2018 Anemia	47 (15.5)	0	1 (****)	1 (****)	39 (15.7)	4 (****)	2 (****)
2017 Total	294	5	<5	<5	235	27	21
2017 Anemia	38 (12.9)	0	1 (****)	1 (****)	26 (11.1)	7 (****)	3 (****)
2016 Total	305	5	<5	<5	255	23	19
2016 Anemia	45 (14.8)	0	0	0	40 (15.7)	4 (****)	1 (****)
2015 Total	300	<5	<5	<5	256	16	25
2015 Anemia	42 (14.0)	1 (****)	0	0	31 (12.1)	6 (****)	4 (****)
2014 Total	318	5	<5	<5	273	17	21
2014 Anemia	45 (14.2)	1 (****)	0	0	41 (15.0)	2 (****)	1 (****)
2013 Total	322	<5	<5	<5	277	17	24
2013 Anemia	47 (14.6)	0	0	0	42 (15.2)	2 (****)	3 (****)
2012 Total	313	<5	0	<5	275	17	19
2012 Anemia	42 (13.4)	0	0	1 (****)	37 (13.5)	2 (****)	2 (****)
2011 Total	355	0	0	0	318	15	22
2011 Anemia	36 (10.1)	0	0	0	33 (10.4)	3 (****)	0

**Multi Year Anemia in Minnesota WIC Infants and Children by Community Health Board and Race/Ethnicity
Minnesota WIC Information System**

CHB of Residence ¹	Undup Total ²	Amer Indian NH	Asian NH ³	Black/ African- Amer NH ⁴	White NH	> 1 Race NH	Hispanic All Races
KANDIYOHI-RENVILLE							
2019 Total	1,522	12	31	380	528	50	521
2019 Anemia	200 (13.1)	1 (****)	4 (12.9)	59 (15.5)	58 (11.0)	4 (8.0)	74 (14.2)
2018 Total	1,550	12	39	380	563	39	517
2018 Anemia	172 (11.1)	0	11 (28.2)	54 (14.2)	52 (9.2)	4 (10.3)	51 (9.9)
2017 Total	1,546	9	21	377	594	37	508
2017 Anemia	169 (10.9)	0	1 (****)	59 (15.6)	42 (7.1)	3 (8.1)	64 (12.6)
2016 Total	1,586	17	18	359	654	31	507
2016 Anemia	167 (10.5)	0	4 (****)	54 (15.0)	61 (9.3)	4 (12.9)	44 (8.7)
2015 Total	1,562	13	13	329	637	32	538
2015 Anemia	177 (11.3)	1 (****)	0	49 (14.9)	63 (9.9)	6 (18.8)	58 (10.8)
2014 Total	1,496	16	10	281	671	27	491
2014 Anemia	151 (10.1)	3 (****)	1 (****)	45 (16.0)	63 (9.4)	0	39 (7.9)
2013 Total	1,528	10	10	225	716	34	533
2013 Anemia	163 (10.7)	0	2 (****)	35 (15.6)	66 (9.2)	1 (2.9)	59 (11.1)
2012 Total	1,585	18	9	168	783	36	571
2012 Anemia	159 (10.0)	2 (****)	2 (****)	29 (17.3)	59 (7.5)	1 (2.8)	66 (11.6)
2011 Total	1,620	25	10	136	832	54	563
2011 Anemia	145 (9.0)	1 (****)	3 (****)	22 (16.2)	56 (6.7)	1 (1.9)	62 (11.0)

**Multi Year Anemia in Minnesota WIC Infants and Children by Community Health Board and Race/Ethnicity
Minnesota WIC Information System**

CHB of Residence ¹	Undup Total ²	Amer Indian NH	Asian NH ³	Black/ African- Amer NH ⁴	White NH	> 1 Race NH	Hispanic All Races
LE SUER- WASECA							
2019 Total							
2019 Anemia							
2018 Total	609	<5	<5	34	379	39	154
2018 Anemia	116 (19.0)	0	0	9 (26.5)	65 (17.2)	11 (28.2)	31 (20.1)
2017 Total	713	<5	<5	26	446	40	197
2017 Anemia	127 (17.8)	0	1 (****)	5 (****)	71 (15.9)	9 (22.5)	41 (20.8)
2016 Total	727	<5	<5	25	455	53	188
2016 Anemia	82 (11.3)	0	0	8 (****)	49 (10.8)	7 (13.2)	18 (9.6)
2015 Total	720	<5	<5	15	455	50	195
2015 Anemia	65 (9.0)	0	0	3 (****)	42 (9.2)	4 (8.0)	16 (8.2)
2014 Total	708	0	5	25	470	35	173
2014 Anemia	55 (7.8)	0	0	3 (****)	33 (7.0)	3 (8.6)	16 (9.2)
2013 Total	739	0	<5	28	491	45	171
2013 Anemia	43 (5.8)	0	0	2 (****)	22 (4.5)	1 (2.2)	18 (10.5)
2012 Total	800	<5	<5	22	548	49	177
2012 Anemia	74 (9.2)	0	0	5 (****)	39 (7.1)	4 (8.2)	26 (14.7)
2011 Total	824	<5	<5	18	573	35	194
2011 Anemia	81 (9.8)	1 (****)	0	2 (****)	46 (8.0)	1 (2.9)	31 (16.0)

**Multi Year Anemia in Minnesota WIC Infants and Children by Community Health Board and Race/Ethnicity
Minnesota WIC Information System**

CHB of Residence ¹	Undup Total ²	Amer Indian NH	Asian NH ³	Black/ African- Amer NH ⁴	White NH	> 1 Race NH	Hispanic All Races
MEEKER- MCLEOD-SIBLEY							
2019 Total	1,124	<5	<5	25	757	41	295
2019 Anemia	102 (9.1)	0	0	4 (****)	62 (8.2)	6 (14.6)	30 (10.2)
2018 Total	1,145	6	5	23	759	43	309
2018 Anemia	124 (10.8)	1 (****)	1 (****)	5 (****)	72 (9.5)	6 (14.0)	39 (12.6)
2017 Total	1,232	7	<5	17	836	52	316
2017 Anemia	152 (12.3)	0	0	4 (****)	104 (12.4)	11 (21.2)	33 (10.4)
2016 Total	1,272	8	14	10	847	56	337
2016 Anemia	133 (10.5)	1 (****)	0	2 (****)	81 (9.6)	10 (17.9)	39 (11.6)
2015 Total	1,320	5	8	13	917	47	330
2015 Anemia	129 (9.8)	0	0	1 (****)	93 (10.1)	4 (8.5)	31 (9.4)
2014 Total	1,341	<5	8	15	968	54	292
2014 Anemia	107 (8.0)	0	1 (****)	0	74 (7.6)	4 (7.4)	28 (9.6)
2013 Total	1,384	8	<5	18	1,008	50	296
2013 Anemia	104 (7.5)	3 (****)	0	2 (****)	73 (7.2)	0	26 (8.8)
2012 Total	1,443	7	9	20	1,063	47	297
2012 Anemia	76 (5.3)	1 (****)	0	2 (****)	46 (4.3)	1 (2.1)	26 (8.8)
2011 Total	1,640	8	8	19	1,210	44	351
2011 Anemia	123 (7.5)	2 (****)	1 (****)	4 (****)	80 (6.6)	4 (9.1)	32 (9.1)

**Multi Year Anemia in Minnesota WIC Infants and Children by Community Health Board and Race/Ethnicity
Minnesota WIC Information System**

CHB of Residence ¹	Undup Total ²	Amer Indian NH	Asian NH ³	Black/ African- Amer NH ⁴	White NH	> 1 Race NH	Hispanic All Races
MORRISON-TODD-WADENA							
2019 Total	1,232	5	<5	17	952	79	175
2019 Anemia	90 (7.3)	0	0	8 (****)	65 (6.8)	7 (8.9)	10 (5.7)
2018 Total	1,300	11	<5	19	1,005	84	177
2018 Anemia	123 (9.5)	3 (****)	0	5 (****)	85 (8.5)	12 (14.3)	18 (10.2)
2017 Total	1,425	7	8	16	1,130	82	182
2017 Anemia	128 (9.0)	1 (****)	2 (****)	0	90 (8.0)	8 (9.8)	27 (14.8)
2016 Total	1,457	12	9	20	1,144	83	189
2016 Anemia	74 (5.1)	2 (****)	0	1 (****)	59 (5.2)	2 (2.4)	10 (5.3)
2015 Total	1,545	8	12	23	1,229	92	181
2015 Anemia	108 (7.0)	1 (****)	1 (****)	5 (****)	79 (6.4)	12 (13.0)	10 (5.5)
2014 Total	1,477	7	10	13	1,200	76	171
2014 Anemia	92 (6.2)	0	0	2 (****)	74 (6.2)	9 (11.8)	7 (4.1)
2013 Total	1,491	11	9	9	1,204	73	185
2013 Anemia	113 (7.6)	0	0	1 (****)	96 (8.0)	8 (11.0)	8 (4.3)
2012 Total	1,630	5	8	11	1,305	92	209
2012 Anemia	114 (7.0)	1 (****)	0	1 (****)	88 (6.7)	8 (8.7)	16 (7.7)
2011 Total	1,707	<5	<5	10	1,409	69	212
2011 Anemia	105 (6.2)	0	1 (****)	0	81 (5.7)	8 (11.6)	15 (7.1)

**Multi Year Anemia in Minnesota WIC Infants and Children by Community Health Board and Race/Ethnicity
Minnesota WIC Information System**

CHB of Residence ¹	Undup Total ²	Amer Indian NH	Asian NH ³	Black/ African- Amer NH ⁴	White NH	> 1 Race NH	Hispanic All Races
MILLE LACS CO							
2019 Total	547	86	<5	<5	376	56	24
2019 Anemia	79 (14.4)	24 (27.9)	1 (****)	1 (****)	41 (10.9)	10 (17.9)	2 (****)
2018 Total	580	112	<5	<5	388	54	20
2018 Anemia	66 (11.4)	19 (17.0)	0	1 (****)	37 (9.5)	5 (9.3)	4 (****)
2017 Total	571	106	<5	<5	377	61	20
2017 Anemia	79 (13.8)	27 (25.5)	0	1 (****)	38 (10.1)	9 (14.8)	4 (****)
2016 Total	551	98	7	<5	360	58	26
2016 Anemia	89 (16.2)	27 (27.6)	0	0	48 (13.3)	8 (13.8)	6 (****)
2015 Total	588	91	5	<5	397	62	29
2015 Anemia	60 (10.2)	9 (9.9)	0	1 (****)	40 (10.1)	7 (11.3)	3 (****)
2014 Total	598	104	<5	<5	417	55	19
2014 Anemia	104 (17.4)	20 (19.2)	0	1 (****)	71 (17.0)	6 (10.9)	6 (****)
2013 Total	618	102	<5	<5	430	52	30
2013 Anemia	75 (12.1)	12 (11.8)	0	0	51 (11.9)	7 (13.5)	5 (16.7)
2012 Total	648	115	<5	<5	452	48	27
2012 Anemia	52 (8.0)	15 (13.0)	1 (****)	0	32 (7.1)	3 (6.2)	1 (****)
2011 Total	766	136	<5	<5	524	63	38
2011 Anemia	66 (8.6)	23 (16.9)	1 (****)	0	33 (6.3)	6 (9.5)	3 (7.9)

**Multi Year Anemia in Minnesota WIC Infants and Children by Community Health Board and Race/Ethnicity
Minnesota WIC Information System**

CHB of Residence ¹	Undup Total ²	Amer Indian NH	Asian NH ³	Black/ African- Amer NH ⁴	White NH	> 1 Race NH	Hispanic All Races
MOWER							
2019 Total	934	0	178	128	308	45	275
2019 Anemia	102 (10.9)	0	30 (16.9)	17 (13.3)	23 (7.5)	2 (4.4)	30 (10.9)
2018 Total	896	0	142	132	288	33	301
2018 Anemia	90 (10.0)	0	32 (22.5)	20 (15.2)	10 (3.5)	2 (6.1)	26 (8.6)
2017 Total	917	0	149	113	323	46	286
2017 Anemia	81 (8.8)	0	23 (15.4)	21 (18.6)	14 (4.3)	4 (8.7)	19 (6.6)
2016 Total	915	<5	118	114	336	48	298
2016 Anemia	88 (9.6)	0	23 (19.5)	18 (15.8)	18 (5.4)	4 (8.3)	25 (8.4)
2015 Total	932	<5	90	103	397	39	303
2015 Anemia	101 (10.8)	0	20 (22.2)	15 (14.6)	33 (8.3)	2 (5.1)	31 (10.2)
2014 Total	952	0	85	108	387	54	318
2014 Anemia	110 (11.6)	0	18 (21.2)	24 (22.2)	36 (9.3)	6 (11.1)	26 (8.2)
2013 Total	1,063	0	81	106	436	58	382
2013 Anemia	85 (8.0)	0	13 (16.0)	17 (16.0)	19 (4.4)	6 (10.3)	30 (7.9)
2012 Total	1,141	0	64	101	500	57	419
2012 Anemia	102 (8.9)	0	13 (20.3)	15 (14.9)	30 (6.0)	6 (10.5)	38 (9.1)
2011 Total	1,138	0	36	105	489	59	449
2011 Anemia	110 (9.7)	0	11 (30.6)	13 (12.4)	36 (7.4)	4 (6.8)	46 (10.2)

**Multi Year Anemia in Minnesota WIC Infants and Children by Community Health Board and Race/Ethnicity
Minnesota WIC Information System**

CHB of Residence ¹	Undup Total ²	Amer Indian NH	Asian NH ³	Black/ African- Amer NH ⁴	White NH	> 1 Race NH	Hispanic All Races
NOBLES							
2019 Total	848	0	64	75	103	16	590
2019 Anemia	25 (2.9)	0	3 (4.7)	1 (1.3)	4 (3.9)	1 (****)	16 (2.7)
2018 Total	855	0	77	79	103	20	576
2018 Anemia	63 (7.4)	0	16 (20.8)	4 (5.1)	6 (5.8)	2 (****)	35 (6.1)
2017 Total	846	0	62	86	118	25	555
2017 Anemia	58 (6.9)	0	9 (14.5)	6 (7.0)	11 (9.3)	2 (****)	30 (5.4)
2016 Total	861	<5	66	73	122	27	573
2016 Anemia	40 (4.6)	0	9 (13.6)	5 (6.8)	4 (3.3)	2 (****)	20 (3.5)
2015 Total	784	<5	58	56	132	30	506
2015 Anemia	59 (7.5)	0	6 (10.3)	8 (14.3)	7 (5.3)	6 (20.0)	32 (6.3)
2014 Total	808	5	62	54	158	33	496
2014 Anemia	44 (5.4)	1 (****)	5 (8.1)	4 (7.4)	6 (3.8)	3 (9.1)	25 (5.0)
2013 Total	795	<5	66	60	146	30	491
2013 Anemia	53 (6.7)	0	9 (13.6)	9 (15.0)	10 (6.8)	2 (6.7)	23 (4.7)
2012 Total	807	<5	68	48	155	19	514
2012 Anemia	46 (5.7)	0	16 (23.5)	8 (16.7)	5 (3.2)	0	17 (3.3)
2011 Total	822	<5	55	45	158	25	537
2011 Anemia	36 (4.4)	1 (****)	8 (14.5)	4 (8.9)	2 (1.3)	2 (****)	19 (3.5)

**Multi Year Anemia in Minnesota WIC Infants and Children by Community Health Board and Race/Ethnicity
Minnesota WIC Information System**

CHB of Residence ¹	Undup Total ²	Amer Indian NH	Asian NH ³	Black/ African- Amer NH ⁴	White NH	> 1 Race NH	Hispanic All Races
NORTH COUNTRY							
2019 Total	618	71	<5	5	451	54	35
2019 Anemia	44 (7.1)	9 (12.7)	0	0	29 (6.4)	6 (11.1)	0
2018 Total	675	81	5	6	476	65	42
2018 Anemia	69 (10.2)	11 (13.6)	3 (****)	0	40 (8.4)	7 (10.8)	8 (19.0)
2017 Total	691	92	<5	7	503	56	31
2017 Anemia	75 (10.9)	14 (15.2)	1 (****)	0	52 (10.3)	6 (10.7)	2 (6.5)
2016 Total	639	66	<5	8	485	44	34
2016 Anemia	51 (8.0)	8 (12.1)	1 (****)	2 (****)	32 (6.6)	3 (6.8)	5 (14.7)
2015 Total	702	79	<5	9	513	64	34
2015 Anemia	62 (8.8)	12 (15.2)	1 (****)	4 (****)	40 (7.8)	3 (4.7)	2 (5.9)
2014 Total	704	78	<5	6	526	57	34
2014 Anemia	53 (7.5)	10 (12.8)	2 (****)	2 (****)	37 (7.0)	1 (1.8)	1 (2.9)
2013 Total	735	67	<5	7	562	65	33
2013 Anemia	55 (7.5)	11 (16.4)	0	1 (****)	37 (6.6)	4 (6.2)	2 (6.1)
2012 Total	769	59	0	9	606	60	35
2012 Anemia	61 (7.9)	59 (5.0)	0	5 (****)	41 (6.8)	6 (10.0)	4 (11.4)
2011 Total	818	60	<5	9	641	65	41
2011 Anemia	45 (5.5)	4 (6.7)	1 (****)	4 (****)	34 (5.3)	1 (1.5)	1 (2.4)

**Multi Year Anemia in Minnesota WIC Infants and Children by Community Health Board and Race/Ethnicity
Minnesota WIC Information System**

CHB of Residence ¹	Undup Total ²	Amer Indian NH	Asian NH ³	Black/ African- Amer NH ⁴	White NH	> 1 Race NH	Hispanic All Races
OLMSTED							
2019 Total	2,259	7	131	790	691	231	409
2019 Anemia	426 (18.9)	0	21 (16.0)	185 (23.4)	113 (16.4)	33 (14.3)	74 (18.1)
2018 Total	2,299	<5	156	764	697	225	454
2018 Anemia	449 (19.5)	1 (****)	36 (23.1)	156 (20.4)	135 (19.4)	46 (20.4)	75 (16.5)
2017 Total	2,384	5	161	755	778	237	448
2017 Anemia	448 (18.8)	0	33 (20.5)	162 (21.5)	126 (16.2)	43 (18.1)	84 (18.8)
2016 Total	2,458	<5	183	690	886	251	445
2016 Anemia	384 (15.6)	0	31 (16.9)	124 (18.0)	105 (11.9)	46 (18.3)	78 (17.5)
2015 Total	2,568	<5	198	699	938	278	453
2015 Anemia	386 (15.0)	0	2,818	199	20	359	1,639
2014 Total	2,695	<5	180 (6.4)	18 (9.0)	0	33 (9.2)	104 (6.3)
2014 Anemia	320 (11.9)	0	36 (19.6)	101 (14.0)	88 (8.6)	32 (10.6)	63 (13.6)
2013 Total	2,684	<5	217	671	1,034	308	452
2013 Anemia	342 (12.7)	0	39 (18.0)	102 (15.2)	116 (11.2)	34 (11.0)	51 (11.3)
2012 Total	2,859	<5	232	658	1,147	296	523
2012 Anemia	384 (13.4)	1 (****)	47 (20.3)	95 (14.4)	131 (11.4)	40 (13.5)	70 (13.4)
2011 Total	3,015	10	236	655	1,214	323	577
2011 Anemia	370 (12.3)	3 (****)	47 (19.9)	107 (16.3)	113 (9.3)	39 (12.1)	61 (10.6)

**Multi Year Anemia in Minnesota WIC Infants and Children by Community Health Board and Race/Ethnicity
Minnesota WIC Information System**

CHB of Residence ¹	Undup Total ²	Amer Indian NH	Asian NH ³	Black/ African- Amer NH ⁴	White NH	> 1 Race NH	Hispanic All Races
PARTNERSHIP 4 HEALTH							
2019 Total	2,818	199	20	359	1,639	257	344
2019 Anemia	180 (6.4)	18 (9.0)	0	33 (9.2)	104 (6.3)	7 (2.7)	18 (5.2)
2018 Total	2,911	213	27	358	1,673	279	361
2018 Anemia	208 (7.1)	16 (7.5)	1 (****)	48 (13.4)	100 (6.0)	16 (5.7)	27 (7.5)
2017 Total	3,015	196	20	310	1,802	297	390
2017 Anemia	227 (7.5)	13 (6.6)	2 (****)	33 (10.6)	135 (7.5)	17 (5.7)	27 (6.9)
2016 Total	2,959	222	19	279	1,782	295	362
2016 Anemia	188 (6.4)	13 (5.9)	1 (****)	19 (6.8)	117 (6.6)	17 (5.8)	21 (5.8)
2015 Total	3,105	260	18	226	1,885	308	408
2015 Anemia	241 (7.8)	22 (8.5)	2 (****)	31 (13.7)	127 (6.7)	31 (10.1)	28 (6.9)
2014 Total	3,091	270	20	160	1,940	280	421
2014 Anemia	199 (6.4)	27 (10.0)	3 (****)	14 (8.8)	100 (5.2)	31 (11.1)	24 (5.7)
2013 Total	3,130	267	19	152	2,000	297	395
2013 Anemia	192 (6.1)	25 (9.4)	1 (****)	21 (13.8)	109 (5.4)	15 (5.1)	21 (5.3)
2012 Total	3,260	250	23	117	2,165	294	411
2012 Anemia	231 (7.1)	30 (12.0)	0	20 (17.1)	137 (6.3)	23 (7.8)	21 (5.1)
2011 Total	3,431	236	28	118	2,327	327	395
2011 Anemia	197 (5.7)	19 (8.1)	2 (****)	14 (11.9)	116 (5.0)	23 (7.0)	23 (5.8)

**Multi Year Anemia in Minnesota WIC Infants and Children by Community Health Board and Race/Ethnicity
Minnesota WIC Information System**

CHB of Residence ¹	Undup Total ²	Amer Indian NH	Asian NH ³	Black/ African- Amer NH ⁴	White NH	> 1 Race NH	Hispanic All Races
PINE							
2019 Total	465	30	5	5	355	51	19
2019 Anemia	87 (18.7)	8 (26.7)	1 (****)	0	67 (18.9)	9 (17.6)	2 (****)
2018 Total	460	36	<5	<5	347	51	20
2018 Anemia	64 (13.9)	11 (30.6)	1 (****)	0	41 (11.8)	8 (15.7)	3 (****)
2017 Total	488	41	5	<5	379	35	24
2017 Anemia	74 (15.2)	6 (14.6)	2 (****)	1 (****)	53 (14.0)	10 (28.6)	2 (****)
2016 Total	481	23	<5	7	390	34	24
2016 Anemia	62 (12.9)	3 (****)	1 (****)	3 (****)	49 (12.6)	5 (14.7)	1 (****)
2015 Total	547	50	<5	12	426	35	21
2015 Anemia	68 (12.4)	6 (12.0)	0	3 (****)	49 (11.5)	9 (25.7)	1 (****)
2014 Total	483	33	<5	5	400	27	16
2014 Anemia	44 (9.1)	2 (6.1)	0	0	37 (9.2)	2 (****)	3 (****)
2013 Total	479	37	<5	<5	387	33	16
2013 Anemia	32 (6.7)	1 (2.7)	0	0	28 (7.2)	2 (6.1)	1 (****)
2012 Total	564	44	<5	5	452	34	25
2012 Anemia	50 (8.9)	2 (4.5)	2 (****)	1 (****)	39 (8.6)	4 (11.8)	2 (****)
2011 Total	648	34	<5	<5	541	40	28
2011 Anemia	71 (11.0)	4 (11.8)	1 (****)	0	59 (10.9)	4 (10.0)	3 (****)

**Multi Year Anemia in Minnesota WIC Infants and Children by Community Health Board and Race/Ethnicity
Minnesota WIC Information System**

CHB of Residence ¹	Undup Total ²	Amer Indian NH	Asian NH ³	Black/ African- Amer NH ⁴	White NH	> 1 Race NH	Hispanic All Races
POLK-NORMAN-MAHNOMEN							
2019 Total	1,027	208	5	112	419	83	200
2019 Anemia	41 (4.0)	19 (9.1)	0	5 (4.5)	13 (3.1)	2 (2.4)	2 (1.0)
2018 Total	1,085	210	<5	149	445	91	187
2018 Anemia	55 (5.1)	16 (7.6)	0	3 (2.0)	26 (5.8)	8 (8.8)	2 (1.1)
2017 Total	1,161	253	<5	122	483	100	199
2017 Anemia	120 (10.3)	23 (9.1)	0	14 (11.5)	60 (12.4)	9 (9.0)	14 (7.0)
2016 Total	1,103	231	<5	83	478	99	208
2016 Anemia	81 (7.3)	21 (9.1)	0	6 (7.2)	27 (5.6)	8 (8.1)	19 (9.1)
2015 Total	1,168	238	<5	55	546	112	214
2015 Anemia	96 (8.2)	24 (10.1)	0	5 (9.1)	34 (6.2)	14 (12.5)	19 (8.9)
2014 Total	1,231	250	<5	43	594	133	207
2014 Anemia	77 (6.3)	12 (4.8)	0	3 (7.0)	35 (5.9)	10 (7.5)	17 (8.2)
2013 Total	1,202	235	<5	48	586	124	205
2013 Anemia	100 (8.3)	26 (11.1)	0	5 (10.4)	44 (7.5)	12 (9.7)	13 (6.3)
2012 Total	1,248	220	<5	39	676	106	204
2012 Anemia	129 (10.3)	31 (14.1)	2 (****)	4 (10.3)	62 (9.2)	9 (8.5)	21 (10.3)
2011 Total	1,312	229	<5	22	710	116	232
2011 Anemia	106 (8.1)	19 (8.3)	1 (****)	6 (****)	47 (6.6)	13 (11.2)	20 (8.6)

**Multi Year Anemia in Minnesota WIC Infants and Children by Community Health Board and Race/Ethnicity
Minnesota WIC Information System**

CHB of Residence ¹	Undup Total ²	Amer Indian NH	Asian NH ³	Black/ African- Amer NH ⁴	White NH	> 1 Race NH	Hispanic All Races
QUIN							
2019 Total	911	17	20	7	713	53	101
2019 Anemia	36 (4.0)	1 (****)	2 (****)	1 (****)	25 (3.5)	2 (3.8)	5 (5.0)
2018 Total	986	19	18	6	764	67	112
2018 Anemia	26 (2.6)	1 (****)	2 (****)	0	18 (2.4)	1 (1.5)	4 (3.6)
2017 Total	1,004	23	19	11	788	58	105
2017 Anemia	38 (3.8)	0	4 (****)	1 (****)	26 (3.3)	2 (3.4)	5 (4.8)
2016 Total	1,091	26	15	11	880	68	91
2016 Anemia	44 (4.0)	0	3 (****)	0	33 (3.8)	3 (4.4)	5 (5.5)
2015 Total	1,125	31	16	7	886	75	110
2015 Anemia	44 (3.9)	1 (3.2)	3 (****)	1 (****)	36 (4.1)	2 (2.7)	1 (<1)
2014 Total	1,136	26	19	7	894	77	113
2014 Anemia	44 (3.9)	1 (****)	4 (****)	1 (****)	34 (3.8)	1 (1.3)	3 (2.7)
2013 Total	1,163	27	22	5	928	75	106
2013 Anemia	48 (4.1)	6 (****)	2 (****)	0	33 (3.6)	2 (2.7)	5 (4.7)
2012 Total	1,156	32	19	7	928	67	103
2012 Anemia	57 (4.9)	8 (25.0)	2 (****)	1 (****)	40 (4.3)	1 (1.5)	5 (4.9)
2011 Total	1,212	33	16	16	990	64	93
2011 Anemia	64 (5.3)	6 (18.2)	4 (****)	1 (****)	41 (4.1)	2 (3.1)	10 (10.8)

**Multi Year Anemia in Minnesota WIC Infants and Children by Community Health Board and Race/Ethnicity
Minnesota WIC Information System**

CHB of Residence ¹	Undup Total ²	Amer Indian NH	Asian NH ³	Black/ African- Amer NH ⁴	White NH	> 1 Race NH	Hispanic All Races
RAMSEY							
2019 Total	12,441	56	4,651	3,946	1,143	893	1,752
2019 Anemia	2,658 (21.4)	12 (21.4)	954 (20.5)	1,002 (25.4)	188 (16.4)	195 (21.8)	307 (17.5)
2018 Total	12,971	64	4,796	4,057	1,258	928	1,868
2018 Anemia	2,664 (20.5)	17 (26.6)	950 (19.8)	988 (24.4)	203 (16.1)	198 (21.3)	308 (16.5)
2017 Total	13,594	54	4,975	4,122	1,402	1,008	2,033
2017 Anemia	2,732 (20.1)	11 (20.4)	986 (19.8)	993 (24.1)	212 (15.1)	212 (21.0)	318 (15.6)
2016 Total	14,340	70	5,179	4,291	1,514	1,060	2,226
2016 Anemia	2,711 (18.9)	17 (24.3)	1,009 (19.5)	914 (21.3)	223 (14.7)	203 (19.2)	345 (15.5)
2015 Total	14,576	77	5,153	4,264	1,605	1,061	2,416
2015 Anemia	2,461 (16.9)	10 (13.0)	836 (16.2)	882 (20.7)	203 (12.6)	178 (16.8)	352 (14.6)
2014 Total	14,807	77	5,054	4,177	1,805	1,146	2,548
2014 Anemia	2,334 (15.8)	15 (19.5)	720 (14.2)	848 (20.3)	217 (12.0)	196 (17.1)	338 (13.3)
2013 Total	14,705	74	5,017	4,026	1,792	1,160	2,636
2013 Anemia	2,107 (14.3)	11 (14.9)	726 (14.5)	726 (18.0)	194 (10.8)	150 (12.9)	300 (11.4)
2012 Total	14,579	75	4,750	3,938	1,957	1,130	2,729
2012 Anemia	2,201 (15.1)	10 (13.3)	694 (14.6)	764 (19.4)	198 (10.1)	194 (17.2)	341 (12.5)
2011 Total	14,518	70	4,511	3,924	2,022	1,181	2,810
2011 Anemia	2,306 (15.9)	15 (21.4)	751 (16.6)	801 (20.4)	215 (10.6)	184 (15.6)	340 (12.1)

**Multi Year Anemia in Minnesota WIC Infants and Children by Community Health Board and Race/Ethnicity
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CHB of Residence ¹	Undup Total ²	Amer Indian NH	Asian NH ³	Black/ African- Amer NH ⁴	White NH	> 1 Race NH	Hispanic All Races
RICE							
2019 Total	1,046	<5	5	420	302	59	256
2019 Anemia	93 (8.9)	0	0	52 (12.4)	23 (7.6)	2 (3.4)	16 (6.2)
2018 Total	1,092	<5	11	426	347	57	248
2018 Anemia	144 (13.2)	1 (****)	0	74 (17.4)	35 (10.1)	7 (12.3)	27 (10.9)
2017 Total	1,186	<5	6	436	391	55	296
2017 Anemia	220 (18.5)	1 (****)	3 (****)	98 (22.5)	54 (13.8)	11 (20.0)	53 (17.9)
2016 Total	1,132	5	8	371	397	55	296
2016 Anemia	202 (17.8)	1 (****)	3 (****)	72 (19.4)	67 (16.9)	13 (23.6)	46 (15.5)
2015 Total	1,155	8	15	339	415	58	320
2015 Anemia	170 (14.7)	1 (****)	4 (****)	66 (19.5)	47 (11.3)	10 (17.2)	42 (13.1)
2014 Total	1,221	9	13	308	482	70	339
2014 Anemia	186 (15.2)	3 (****)	1 (****)	61 (19.8)	62 (12.9)	9 (12.9)	50 (14.7)
2013 Total	1,270	5	14	245	550	72	384
2013 Anemia	183 (14.4)	1 (****)	3 (****)	42 (17.1)	73 (13.3)	11 (15.3)	53 (13.8)
2012 Total	1,342	6	15	235	649	53	384
2012 Anemia	141 (10.5)	1 (****)	3 (****)	30 (12.8)	59 (9.1)	8 (15.1)	40 (10.4)
2011 Total	1,356	<5	8	193	669	52	431
2011 Anemia	161 (11.9)	0	0	40 (20.7)	61 (9.1)	10 (19.2)	50 (11.6)

**Multi Year Anemia in Minnesota WIC Infants and Children by Community Health Board and Race/Ethnicity
Minnesota WIC Information System**

CHB of Residence ¹	Undup Total ²	Amer Indian NH	Asian NH ³	Black/ African- Amer NH ⁴	White NH	> 1 Race NH	Hispanic All Races
SCOTT							
2019 Total	1,322	10	95	447	422	101	247
2019 Anemia	139 (10.5)	1 (****)	13 (13.7)	61 (13.6)	30 (7.1)	11 (10.9)	23 (9.3)
2018 Total	1,336	15	84	447	421	87	282
2018 Anemia	205 (15.3)	1 (****)	16 (19.0)	77 (17.2)	58 (13.8)	14 (16.1)	39 (13.8)
2017 Total	1,421	13	98	429	456	118	307
2017 Anemia	214 (15.1)	2 (****)	15 (15.3)	83 (19.3)	55 (12.1)	13 (11.0)	46 (15.0)
2016 Total	1,439	12	102	411	493	113	308
2016 Anemia	162 (11.3)	4 (****)	18 (17.6)	52 (12.7)	42 (8.5)	15 (13.3)	31 (10.1)
2015 Total	1,485	17	113	401	531	112	311
2015 Anemia	185 (12.5)	3 (****)	18 (15.9)	56 (14.0)	56 (10.5)	16 (14.3)	36 (11.6)
2014 Total	1,494	19	99	357	583	125	311
2014 Anemia	169 (11.3)	0	16 (16.2)	53 (14.8)	53 (9.1)	18 (14.4)	29 (9.3)
2013 Total	1,489	16	104	350	592	105	322
2013 Anemia	141 (9.5)	1 (****)	14 (13.5)	46 (13.1)	45 (7.6)	10 (9.5)	25 (7.8)
2012 Total	1,549	18	109	352	630	100	340
2012 Anemia	164 (10.6)	2 (****)	19 (17.4)	48 (13.6)	52 (8.3)	10 (10.0)	33 (9.7)
2011 Total	1,657	19	126	344	707	98	363
2011 Anemia	167 (10.1)	3 (****)	11 (8.7)	44 (12.8)	68 (9.6)	12 (12.2)	29 (8.0)

**Multi Year Anemia in Minnesota WIC Infants and Children by Community Health Board and Race/Ethnicity
Minnesota WIC Information System**

CHB of Residence ¹	Undup Total ²	Amer Indian NH	Asian NH ³	Black/ African- Amer NH ⁴	White NH	> 1 Race NH	Hispanic All Races
SHERBURNE							
2019 Total	1,058	<5	14	241	638	86	75
2019 Anemia	85 (8.0)	0	0	38 (15.8)	34 (5.3)	7 (8.1)	6 (8.0)
2018 Total	1,090	<5	10	203	723	81	72
2018 Anemia	109 (10.0)	0	0	28 (13.8)	61 (8.4)	11 (13.6)	9 (12.5)
2017 Total	1,102	0	12	172	774	77	67
2017 Anemia	115 (10.4)	0	2 (****)	32 (18.6)	67 (8.7)	9 (11.7)	5 (7.5)
2016 Total	1,190	<5	13	156	851	93	74
2016 Anemia	103 (8.7)	0	1 (****)	26 (16.7)	60 (7.1)	9 (9.7)	7 (9.5)
2015 Total	1,178	8	7	137	854	90	82
2015 Anemia	86 (7.3)	0	0	15 (10.9)	60 (7.0)	6 (6.7)	5 (6.1)
2014 Total	1,160	5	7	89	894	92	73
2014 Anemia	96 (8.3)	0	2 (****)	10 (11.2)	66 (7.4)	14 (15.2)	4 (5.5)
2013 Total	1,140	<5	7	71	894	97	68
2013 Anemia	95 (8.3)	1 (****)	2 (****)	10 (14.1)	69 (7.7)	8 (8.2)	5 (7.4)
2012 Total	1,267	<5	9	68	1,001	102	85
2012 Anemia	82 (6.5)	0	0	15 (22.1)	56 (5.6)	7 (6.9)	4 (4.7)
2011 Total	1,346	<5	9	65	1,060	129	81
2011 Anemia	66 (4.9)	0	0	9 (13.8)	46 (4.3)	7 (5.4)	4 (4.9)

**Multi Year Anemia in Minnesota WIC Infants and Children by Community Health Board and Race/Ethnicity
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CHB of Residence ¹	Undup Total ²	Amer Indian NH	Asian NH ³	Black/ African- Amer NH ⁴	White NH	> 1 Race NH	Hispanic All Races
SOUTHWEST							
2019 Total	1,589	21	160	107	838	117	346
2019 Anemia	98 (6.2)	1 (****)	17 (10.6)	14 (13.1)	43 (5.1)	4 (3.4)	19 (5.5)
2018 Total	1,631	22	166	108	875	114	346
2018 Anemia	91 (5.6)	2 (****)	16 (9.6)	11 (10.2)	39 (4.5)	4 (3.5)	19 (5.5)
2017 Total	1,656	21	165	102	886	120	362
2017 Anemia	86 (5.2)	1 (****)	11 (6.7)	17 (16.7)	33 (3.7)	4 (3.3)	20 (5.5)
2016 Total	1,709	18	161	126	956	105	343
2016 Anemia	76 (4.4)	1 (****)	9 (5.6)	5 (4.0)	42 (4.4)	1 (1.0)	18 (5.2)
2015 Total	1,748	18	164	125	992	102	347
2015 Anemia	107 (6.1)	1 (****)	15 (9.1)	9 (7.2)	58 (5.8)	7 (6.9)	17 (4.9)
2014 Total	1,660	22	115	97	1,022	108	296
2014 Anemia	87 (5.2)	2 (****)	7 (6.1)	7 (7.2)	44 (4.3)	6 (5.6)	21 (7.1)
2013 Total	1,727	23	119	86	1,082	114	303
2013 Anemia	88 (5.1)	1 (****)	10 (8.4)	9 (10.5)	45 (4.2)	6 (5.3)	17 (5.6)
2012 Total	1,764	22	101	84	1,118	108	331
2012 Anemia	94 (5.3)	3 (****)	11 (10.9)	9 (10.7)	44 (3.9)	6 (5.6)	21 (6.3)
2011 Total	1,841	31	88	84	1,216	76	346
2011 Anemia	91 (4.9)	2 (6.5)	9 (10.2)	7 (8.3)	54 (4.4)	5 (6.6)	14 (4.0)

**Multi Year Anemia in Minnesota WIC Infants and Children by Community Health Board and Race/Ethnicity
Minnesota WIC Information System**

CHB of Residence ¹	Undup Total ²	Amer Indian NH	Asian NH ³	Black/ African- Amer NH ⁴	White NH	> 1 Race NH	Hispanic All Races
STEARNS							
2019 Total	2,912	6	37	1,511	949	130	279
2019 Anemia	322 (11.1)	0	4 (10.8)	213 (14.1)	70 (7.4)	9 (6.9)	26 (9.3)
2018 Total	2,926	7	34	1,505	955	143	282
2018 Anemia	358 (12.2)	2 (****)	5 (14.7)	235 (15.6)	74 (7.7)	10 (7.0)	32 (11.3)
2017 Total	2,949	12	39	1,391	1,061	160	286
2017 Anemia	377 (12.8)	1 (****)	3 (7.7)	211 (15.2)	102 (9.6)	25 (15.6)	35 (12.2)
2016 Total	2,828	<5	35	1,189	1,138	158	304
2016 Anemia	341 (12.1)	0	4 (11.4)	180 (15.1)	99 (8.7)	17 (10.8)	41 (13.5)
2015 Total	2,682	7	37	975	1,231	141	291
2015 Anemia	336 (12.5)	0	2 (5.4)	171 (17.5)	116 (9.4)	16 (11.3)	31 (10.7)
2014 Total	2,606	<5	42	833	1,275	153	300
2014 Anemia	275 (10.6)	0	9 (21.4)	112 (13.4)	106 (8.3)	24 (15.7)	24 (8.0)
2013 Total	2,512	<5	42	683	1,336	152	295
2013 Anemia	195 (7.8)	0	4 (9.5)	63 (9.2)	89 (6.7)	19 (12.5)	20 (6.8)
2012 Total	2,490	5	35	591	1,389	161	309
2012 Anemia	180 (7.2)	0	1 (2.9)	52 (8.8)	91 (6.6)	11 (6.8)	25 (8.1)
2011 Total	2,553	7	34	526	1,444	175	367
2011 Anemia	176 (6.9)	0	2 (5.9)	34 (6.5)	95 (6.6)	20 (11.4)	25 (6.8)

**Multi Year Anemia in Minnesota WIC Infants and Children by Community Health Board and Race/Ethnicity
Minnesota WIC Information System**

CHB of Residence ¹	Undup Total ²	Amer Indian NH	Asian NH ³	Black/ African- Amer NH ⁴	White NH	> 1 Race NH	Hispanic All Races
WABASHA							
2019 Total	227	0	<5	<5	162	10	51
2019 Anemia	12 (5.3)	0	0	0	9 (5.6)	0	3 (5.9)
2018 Total	216	<5	<5	<5	160	9	45
2018 Anemia	14 (6.5)	1,804	8	230	340	877	161
2017 Total	251	174 (9.6)	1 (****)	21 (9.1)	57 (16.8)	57 (6.5)	21 (13.0)
2017 Anemia	17 (6.8)	0	0	0	11 (6.0)	2 (****)	4 (8.3)
2016 Total	287	<5	<5	8	221	11	46
2016 Anemia	32 (11.1)	0	0	4 (****)	20 (9.0)	2 (****)	6 (13.0)
2015 Total	285	<5	<5	13	211	17	41
2015 Anemia	30 (10.5)	0	0	3 (****)	17 (8.1)	5 (****)	5 (12.2)
2014 Total	294	0	<5	10	228	16	39
2014 Anemia	15 (5.1)	0	0	1 (****)	13 (5.7)	0	1 (2.6)
2013 Total	291	0	<5	6	222	19	42
2013 Anemia	22 (7.6)	0	0	2 (****)	13 (5.9)	0	7 (16.7)
2012 Total	322	0	<5	9	237	21	52
2012 Anemia	22 (6.8)	0	0	2 (****)	14 (5.9)	1 (****)	5 (9.6)
2011 Total	333	0	<5	5	259	15	52
2011 Anemia	24 (7.2)	0	0	2 (****)	17 (6.6)	2 (****)	3 (5.8)

**Multi Year Anemia in Minnesota WIC Infants and Children by Community Health Board and Race/Ethnicity
Minnesota WIC Information System**

CHB of Residence ¹	Undup Total ²	Amer Indian NH	Asian NH ³	Black/ African- Amer NH ⁴	White NH	> 1 Race NH	Hispanic All Races
WASHINGTON							
2019 Total	1,804	8	230	340	877	161	188
2019 Anemia	174 (9.6)	1 (****)	21 (9.1)	57 (16.8)	57 (6.5)	21 (13.0)	17 (9.0)
2018 Total	1,812	11	242	344	845	156	214
2018 Anemia	203 (11.2)	1 (****)	23 (9.5)	57 (16.6)	81 (9.6)	19 (12.2)	22 (10.3)
2017 Total	1,903	5	223	365	905	173	232
2017 Anemia	215 (11.3)	0	23 (10.3)	49 (13.4)	101 (11.2)	26 (15.0)	16 (6.9)
2016 Total	1,968	7	225	372	941	174	249
2016 Anemia	202 (10.3)	0	23 (10.2)	58 (15.6)	86 (9.1)	11 (6.3)	24 (9.6)
2015 Total	2,177	5	238	413	1,002	236	283
2015 Anemia	210 (9.6)	0	20 (8.4)	58 (14.0)	74 (7.4)	29 (12.3)	29 (10.2)
2014 Total	2,227	6	242	385	1,036	263	295
2014 Anemia	146 (6.6)	2 (****)	11 (4.5)	42 (10.9)	57 (5.5)	21 (8.0)	13 (4.4)
2013 Total	2,328	<5	216	392	1,133	267	316
2013 Anemia	181 (7.8)	0	17 (7.9)	54 (13.8)	59 (5.2)	24 (9.0)	27 (8.5)
2012 Total	2,492	6	230	425	1,250	265	316
2012 Anemia	194 (7.8)	1 (****)	11 (4.8)	63 (14.8)	73 (5.8)	27 (10.2)	19 (6.0)
2011 Total	2,560	6	242	452	1,278	257	325
2011 Anemia	205 (8.0)	1 (****)	19 (7.9)	63 (13.9)	74 (5.8)	23 (8.9)	25 (7.7)

**Multi Year Anemia in Minnesota WIC Infants and Children by Community Health Board and Race/Ethnicity
Minnesota WIC Information System**

CHB of Residence ¹	Undup Total ²	Amer Indian NH	Asian NH ³	Black/ African- Amer NH ⁴	White NH	> 1 Race NH	Hispanic All Races
WATONWAN							
2019 Total	289	0	<5	0	73	<5	212
2019 Anemia	19 (6.6)	0	0	0	2 (2.7)	1 (****)	16 (7.5)
2018 Total	319	0	<5	<5	86	8	221
2018 Anemia	21 (6.6)	0	0	0	5 (5.8)	1 (****)	15 (6.8)
2017 Total	308	0	<5	<5	81	<5	218
2017 Anemia	27 (8.8)	0	1 (****)	0	7 (8.6)	1 (****)	18 (8.3)
2016 Total	315	<5	<5	<5	89	6	216
2016 Anemia	19 (6.0)	0	1 (****)	0	5 (5.6)	1 (****)	12 (5.6)
2015 Total	304	<5	<5	<5	107	5	189
2015 Anemia	21 (6.9)	0	0	0	6 (5.6)	1 (****)	14 (7.4)
2014 Total	293	0	<5	<5	94	<5	191
2014 Anemia	33 (11.3)	0	0	1 (****)	13 (13.8)	1 (****)	18 (9.4)
2013 Total	301	0	<5	<5	108	<5	187
2013 Anemia	18 (6.0)	0	0	0	3 (2.8)	0	15 (8.0)
2012 Total	333	0	<5	0	123	5	202
2012 Anemia	30 (9.0)	0	0	0	11 (8.9)	4 (****)	15 (7.4)
2011 Total	364	0	<5	<5	132	6	222
2011 Anemia	18 (4.9)	0	0	2 (****)	3 (2.3)	0	13 (5.9)

**Multi Year Anemia in Minnesota WIC Infants and Children by Community Health Board and Race/Ethnicity
Minnesota WIC Information System**

CHB of Residence ¹	Undup Total ²	Amer Indian NH	Asian NH ³	Black/ African- Amer NH ⁴	White NH	> 1 Race NH	Hispanic All Races
WINONA							
2019 Total	436	0	22	38	285	34	57
2019 Anemia	65 (14.9)	0	5 (****)	7 (18.4)	34 (11.9)	11 (32.4)	8 (14.0)
2018 Total	447	0	21	41	294	28	63
2018 Anemia	76 (17.0)	0	5 (****)	9 (22.0)	50 (17.0)	4 (****)	8 (12.7)
2017 Total	487	0	24	36	329	30	68
2017 Anemia	97 (19.9)	0	3 (****)	11 (30.6)	62 (18.8)	9 (30.0)	12 (17.6)
2016 Total	535	<5	20	41	365	31	78
2016 Anemia	106 (19.8)	0	3 (****)	17 (41.5)	70 (19.2)	5 (16.1)	11 (14.1)
2015 Total	578	<5	18	46	407	32	75
2015 Anemia	122 (21.1)	0	2 (****)	17 (37.0)	77 (18.9)	9 (28.1)	17 (22.7)
2014 Total	620	0	19	39	450	31	81
2014 Anemia	104 (16.8)	0	1 (****)	7 (17.9)	77 (17.1)	6 (19.4)	13 (16.0)
2013 Total	666	0	21	39	498	29	79
2013 Anemia	106 (15.9)	0	4 (****)	11 (28.2)	75 (15.1)	9 (****)	7 (8.9)
2012 Total	676	0	21	44	516	19	76
2012 Anemia	98 (14.5)	0	2 (****)	13 (29.5)	69 (13.4)	2 (****)	12 (15.8)
2011 Total	704	0	30	36	536	23	79
2011 Anemia	92 (13.1)	0	1 (3.3)	5 (13.9)	66 (12.3)	3 (****)	17 (21.5)

**Multi Year Anemia in Minnesota WIC Infants and Children by Community Health Board and Race/Ethnicity
Minnesota WIC Information System**

CHB of Residence ¹	Undup Total ²	Amer Indian NH	Asian NH ³	Black/ African- Amer NH ⁴	White NH	> 1 Race NH	Hispanic All Races
WRIGHT							
2019 Total	1,310	<5	14	78	975	95	147
2019 Anemia	172 (13.1)	0	2 (****)	16 (20.5)	118 (12.1)	11 (11.6)	25 (17.0)
2018 Total	1,334	<5	24	61	970	103	172
2018 Anemia	180 (13.5)	0	4 (****)	18 (29.5)	123 (12.7)	13 (12.6)	22 (12.8)
2017 Total	1,386	<5	22	53	1,015	123	170
2017 Anemia	167 (12.0)	0	3 (****)	10 (18.9)	115 (11.3)	13 (10.6)	26 (15.3)
2016 Total	1,434	9	23	56	1,043	126	177
2016 Anemia	146 (10.2)	1 (****)	3 (****)	7 (12.5)	102 (9.8)	16 (12.7)	17 (9.6)
2015 Total	1,500	7	16	52	1,136	124	165
2015 Anemia	136 (9.1)	1 (****)	2 (****)	5 (9.6)	96 (8.5)	13 (10.5)	19 (11.5)
2014 Total	1,525	11	23	47	1,124	133	187
2014 Anemia	106 (7.0)	0	2 (****)	5 (10.6)	73 (6.5)	9 (6.8)	17 (9.1)
2013 Total	1,633	8	20	51	1,221	143	190
2013 Anemia	97 (5.9)	0	3 (****)	6 (11.8)	58 (4.8)	15 (10.5)	15 (7.9)
2012 Total	1,741	8	20	64	1,309	147	193
2012 Anemia	122 (7.0)	2 (****)	6 (****)	9 (14.1)	80 (6.1)	18 (12.2)	7 (3.6)
2011 Total	1,860	8	25	56	1,400	150	221
2011 Anemia	145 (7.8)	0	1 (****)	10 (17.9)	96 (6.9)	21 (14.0)	17 (7.7)

**Multi Year Anemia in Minnesota WIC Infants and Children by Community Health Board and Race/Ethnicity
Minnesota WIC Information System**

CHB of Residence ¹	Undup Total ²	Amer Indian NH	Asian NH ³	Black/ African- Amer NH ⁴	White NH	> 1 Race NH	Hispanic All Races
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NH=Non Hispanic H= Hispanic

Race/Ethnicity are self-identified by the participant’s caregiver. Participants may be counted in more than one race/ethnicity category.

Numbers suppressed if total population by race/ethnicity is between 1 and 5 **** and/or denominator is <30 (****)

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Minnesota WIC Program: 2022

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

¹CHB where child lived as of January of the subsequent calendar year.

²Total of children ages 2 up to 5 years with valid height and weight information

³Includes Asian, Asian Pacific Islander and Native Hawaiian participants

⁴Includes both African-Americans and African participants

⁵Low hemoglobin is <11.0 for infants/children <2 years of age and <11.1 for children > 2 years.

Low hemoglobin is characteristic of anemia.

One hemoglobin measure was randomly selected per child per year.