

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

County <sup>1</sup>	Undup Total <sup>2</sup>	Amer Indian NH	Asian NH <sup>3</sup>	Black/ African-Amer NH <sup>5</sup>	White NH	> 1 Race NH	Hispanic All Races
<b>MINNESOTA</b>							
<b>2019 Total</b>	<b>78,017</b>	<b>2,468</b>	<b>8,172</b>	<b>19,850</b>	<b>28,385</b>	<b>5,971</b>	<b>13,171</b>
<b>2019 Anemia<sup>5</sup></b>	<b>10,560 (13.5)</b>	<b>423 (17.1)</b>	<b>1,416 (17.3)</b>	<b>3,909 (19.7)</b>	<b>2,491 (8.8)</b>	<b>793 (13.3)</b>	<b>1,528 (11.6)</b>
<b>2018 Total</b>	<b>82,325</b>	<b>2,623</b>	<b>8,550</b>	<b>20,999</b>	<b>29,660</b>	<b>6,310</b>	<b>14,183</b>
<b>2018 Anemia</b>	<b>11,859 (14.4)</b>	<b>473 (18.0)</b>	<b>1,536 (18.0)</b>	<b>4,160 (19.8)</b>	<b>3,009 (10.1)</b>	<b>899 (14.2)</b>	<b>1,782 (12.6)</b>
<b>2017 Total</b>	<b>86,859</b>	<b>2,689</b>	<b>8,885</b>	<b>21,301</b>	<b>32,198</b>	<b>6,724</b>	<b>15,062</b>
<b>2017 Anemia</b>	<b>12,404 (14.3)</b>	<b>420 (15.6)</b>	<b>1,532 (17.2)</b>	<b>4,181 (19.6)</b>	<b>332 (10.3)</b>	<b>986 (14.7)</b>	<b>1,953 (13.0)</b>
<b>2016 Total</b>	<b>89,602</b>	<b>2,756</b>	<b>9,129</b>	<b>21,175</b>	<b>33,980</b>	<b>6,916</b>	<b>15,646</b>
<b>2016 Anemia</b>	<b>11,923 (13.3)</b>	<b>420 (15.2)</b>	<b>1,532 (16.8)</b>	<b>3,953 (18.7)</b>	<b>3,170 (9.3)</b>	<b>936 (13.5)</b>	<b>1,912 (12.2)</b>
<b>2015 Total</b>	<b>92,597</b>	<b>2,999</b>	<b>9,123</b>	<b>20,786</b>	<b>35,925</b>	<b>7,279</b>	<b>16,485</b>
<b>2015 Anemia</b>	<b>11,897 (12.8)</b>	<b>427 (14.2)</b>	<b>1,381 (15.1)</b>	<b>3,991 (19.2)</b>	<b>3,146 (8.8)</b>	<b>968 (13.3)</b>	<b>1,984 (12.0)</b>
<b>2014 Total</b>	<b>93,975</b>	<b>3,054</b>	<b>8,878</b>	<b>19,986</b>	<b>37,717</b>	<b>7,551</b>	<b>16,789</b>
<b>2014 Anemia</b>	<b>11,119 (11.8)</b>	<b>495 (16.2)</b>	<b>1,244 (14.0)</b>	<b>3,517 (17.6)</b>	<b>3,016 (8.0)</b>	<b>964 (12.8)</b>	<b>1,883 (11.2)</b>
<b>2013 Total</b>	<b>94,864</b>	<b>3,026</b>	<b>8,800</b>	<b>18,986</b>	<b>39,085</b>	<b>7,578</b>	<b>17,389</b>
<b>2013 Anemia</b>	<b>10,510 (11.1)</b>	<b>541 (17.9)</b>	<b>1,207 (13.7)</b>	<b>3,170 (16.7)</b>	<b>2,859 (7.3)</b>	<b>880 (11.6)</b>	<b>1,853 (10.7)</b>
<b>2012 Total</b>	<b>97,492</b>	<b>3,051</b>	<b>8,388</b>	<b>18,321</b>	<b>42,094</b>	<b>7,553</b>	<b>18,085</b>
<b>2012 Anemia</b>	<b>10,652 (10.9)</b>	<b>548 (18.0)</b>	<b>1,193 (14.2)</b>	<b>3,195 (17.4)</b>	<b>2,977 (7.1)</b>	<b>875 (11.6)</b>	<b>1,864 (10.3)</b>
<b>2011 Total</b>	<b>102,680</b>	<b>3,127</b>	<b>8,264</b>	<b>18,514</b>	<b>45,401</b>	<b>7,870</b>	<b>19,504</b>
<b>2011 Anemia</b>	<b>10,935 (10.6)</b>	<b>484 (15.5)</b>	<b>1,240 (15.0)</b>	<b>3,244 (17.5)</b>	<b>3,089 (6.8)</b>	<b>913 (11.6)</b>	<b>1,965 (10.1)</b>

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<b>AITKIN</b>							
2019 Total	210	13	<5	<5	177	13	<5
2019 Anemia	18 (8.6)	4 (****)	0	0	13 (7.3)	1 (****)	0
2018 Total	209	23	0	<5	160	13	10
2018 Anemia	33 (15.8)	6 (****)	0	0	23 (14.4)	2 (****)	2 (****)
2017 Total	215	28	0	0	158	19	10
2017 Anemia	32 (14.9)	4 (****)	0	0	24 (15.2)	2 (****)	2 (****)
2016 Total	227	25	<5	<5	173	21	7
2016 Anemia	28 (12.3)	3 (****)	0	0	21 (12.1)	3 (****)	1 (****)
2015 Total	221	31	<5	<5	162	18	10
2015 Anemia	20 (9.0)	2 (6.5)	0	0	14 (8.6)	1 (****)	3 (****)
2014 Total	235	29	0	0	173	20	13
2014 Anemia	14 (6.0)	0	0	0	10 (5.8)	1 (****)	3 (****)
2013 Total	274	28	0	<5	200	24	21
2013 Anemia	8 (2.9)	2 (****)	0	0	4 (2.0)	0	2 (****)
2012 Total	285	23	<5	<5	220	26	13
2012 Anemia	11 (3.9)	3 (****)	0	0	8 (3.6)	0	0
2011 Total	321	33	<5	<5	242	28	15
2011 Anemia	14 (4.4)	6 (18.2)	0	0	7 (2.9)	1 (****)	0

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<b>ANOKA</b>							
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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<b>BECKER</b>							
2019 Total	764	135	<5	12	458	110	48
2019 Anemia	35 (4.6)	9 (6.7)	0	2 (****)	19 (4.1)	4 (3.6)	1 (2.1)
2018 Total	754	137	<5	14	442	112	47
2018 Anemia	44 (5.8)	8 (5.8)	0	3 (****)	24 (5.4)	7 (6.2)	2 (4.3)
2017 Total	749	142	<5	8	430	107	60
2017 Anemia	47 (6.3)	9 (6.3)	0	0	29 (6.7)	6 (5.6)	3 (5.0)
2016 Total	759	149	<5	8	444	108	48
2016 Anemia	43 (5.7)	9 (6.0)	0	1 (****)	24 (5.4)	6 (5.6)	3 (6.2)
2015 Total	867	196	<5	15	480	116	57
2015 Anemia	70 (8.1)	12 (6.1)	0	3 (****)	35 (7.3)	14 (12.1)	6 (10.5)
2014 Total	888	221	<5	12	490	101	61
2014 Anemia	76 (8.6)	21 (9.5)	0	1 (****)	30 (6.1)	15 (14.9)	9 (14.8)
2013 Total	924	215	<5	12	533	110	52
2013 Anemia	78 (8.4)	22 (10.2)	0	1 (****)	41 (7.7)	7 (6.4)	7 (13.5)
2012 Total	968	188	0	10	599	116	55
2012 Anemia	79 (8.2)	27 (14.4)	0	1 (****)	32 (5.3)	12 (10.3)	7 (12.7)
2011 Total	998	174	<5	17	623	130	53
2011 Anemia	54 (5.4)	17 (9.8)	0	0	28 (4.5)	7 (5.4)	2 (3.8)

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<b>BELTRAMI</b>							
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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<b>BENTON</b>							
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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<b>BIG STONE</b>							
2019 Total	99	<5	0	0	81	5	12
2019 Anemia	5 (5.1)	1 (****)	0	0	2 (2.5)	0	2 (****)
2018 Total	91	0	0	<5	75	6	9
2018 Anemia	8 (8.8)	0	0	1 (****)	4 (5.3)	0	3 (****)
2017 Total	101	<5	<5	0	79	6	13
2017 Anemia	9 (8.9)	0	1 (****)	0	5 (6.3)	1 (****)	2 (****)
2016 Total	96	<5	<5	<5	81	8	7
2016 Anemia	13 (13.5)	0	0	0	11 (13.6)	0	2 (****)
2015 Total	93	<5	<5	<5	80	6	7
2015 Anemia	8 (8.6)	0	0	0	5 (6.2)	1 (****)	2 (****)
2014 Total	110	<5	0	<5	95	<5	8
2014 Anemia	5 (4.5)	0	0	0	4 (4.2)	0	1 (****)
2013 Total	106	<5	0	0	102	<5	<5
2013 Anemia	7 (6.6)	0	0	0	7 (6.9)	0	0
2012 Total	128	<5	0	0	119	<5	5
2012 Anemia	4 (3.1)	0	0	0	4 (3.4)	0	0
2011 Total	136	<5	<5	<5	126	0	5
2011 Anemia	3 (2.2)	0	0	0	3 (2.4)	0	0

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<b>BLUE EARTH</b>							
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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<b>BROWN</b>							
2019 Total	378	0	<5	0	284	17	75
2019 Anemia	35 (9.3)	0	0	0	22 (7.7)	3 (****)	10 (13.3)
2018 Total	404	0	<5	<5	292	19	91
2018 Anemia	37 (9.2)	0	0	0	22 (7.5)	4 (****)	11 (12.1)
2017 Total	404	0	0	<5	303	15	84
2017 Anemia	27 (6.7)	0	0	0	20 (6.6)	2 (****)	5 (6.0)
2016 Total	395	<5	<5	<5	299	18	73
2016 Anemia	11 (2.8)	0	0	0	6 (2.0)	1 (****)	4 (5.5)
2015 Total	419	<5	<5	7	306	17	88
2015 Anemia	9 (2.1)	0	0	1 (****)	3 (1.0)	1 (****)	4 (4.5)
2014 Total	437	0	<5	5	319	14	97
2014 Anemia	16 (3.7)	0	0	1 (****)	9 (2.8)	1 (****)	5 (5.2)
2013 Total	421	0	<5	6	312	14	86
2013 Anemia	22 (5.2)	0	1 (****)	1 (****)	12 (3.8)	3 (****)	5 (5.8)
2012 Total	445	0	<5	<5	332	8	99
2012 Anemia	34 (7.6)	0	0	1 (****)	20 (6.0)	0	13 (13.1)
2011 Total	474	0	<5	<5	353	10	108
2011 Anemia	33 (7.0)	0	0	1 (****)	19 (5.4)	3 (****)	10 (9.3)

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<b>CARLTON</b>							
2019 Total	538	104	<5	<5	321	87	22
2019 Anemia	40 (7.4)	12 (11.5)	0	1 (****)	20 (6.2)	6 (6.9)	1 (****)
2018 Total	528	113	<5	0	321	74	19
2018 Anemia	40 (7.6)	7 (6.2)	1 (****)	0	27 (8.4)	4 (5.4)	1 (****)
2017 Total	610	123	<5	<5	387	75	19
2017 Anemia	48 (7.9)	6 (4.9)	0	1 (****)	27 (7.0)	12 (16.0)	2 (****)
2016 Total	604	119	<5	<5	388	69	24
2016 Anemia	47 (7.8)	9 (7.6)	0	0	33 (8.5)	5 (7.2)	0
2015 Total	618	106	<5	<5	402	83	23
2015 Anemia	45 (7.3)	5 (4.7)	0	0	35 (8.7)	5 (6.0)	0
2014 Total	672	115	<5	<5	433	88	32
2014 Anemia	30 (4.5)	3 (2.6)	0	1 (****)	21 (4.8)	4 (4.5)	1 (3.1)
2013 Total	711	124	<5	<5	461	98	23
2013 Anemia	41 (5.8)	4 (3.2)	1 (****)	0	25 (5.4)	10 (10.2)	1 (****)
2012 Total	768	122	0	<5	508	111	25
2012 Anemia	32 (4.2)	6 (4.9)	0	0	18 (3.5)	8 (7.2)	0
2011 Total	816	133	<5	<5	540	111	29
2011 Anemia	28 (3.4)	6 (4.5)	0	1 (****)	13 (2.4)	8 (7.2)	0

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<b>CARVER</b>							
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)

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

County <sup>1</sup>	Undup Total <sup>2</sup>	Amer Indian NH	Asian NH <sup>3</sup>	Black/ African-Amer NH <sup>5</sup>	White NH	> 1 Race NH	Hispanic All Races
<b>CASS</b>							
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)

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

County <sup>1</sup>	Undup Total <sup>2</sup>	Amer Indian NH	Asian NH <sup>3</sup>	Black/ African-Amer NH <sup>5</sup>	White NH	> 1 Race NH	Hispanic All Races
<b>CHIPPEWA</b>							
2019 Total	273	6	34	<5	138	12	82
2019 Anemia	34 (12.5)	2 (****)	2 (5.9)	1 (****)	13 (9.4)	2 (****)	14 (17.1)
2018 Total	307	<5	46	<5	152	10	92
2018 Anemia	36 (11.7)	2 (****)	7 (15.2)	1 (****)	11 (7.2)	1 (****)	14 (15.2)
2017 Total	325	5	37	<5	175	13	91
2017 Anemia	67 (20.6)	1 (****)	10 (27.0)	0	29 (16.6)	4 (****)	23 (25.3)
2016 Total	313	8	24	8	169	12	92
2016 Anemia	37 (11.8)	1 (****)	5 (****)	2 (****)	16 (9.5)	0	13 (14.1)
2015 Total	309	<5	25	8	172	14	87
2015 Anemia	60 (19.4)	2 (****)	10 (****)	2 (****)	22 (12.8)	3 (****)	21 (24.1)
2014 Total	282	<5	25	5	160	12	76
2014 Anemia	50 (17.7)	0	3 (****)	1 (****)	29 (18.1)	1 (****)	16 (21.1)
2013 Total	304	<5	16	5	196	15	71
2013 Anemia	41 (13.5)	0	2 (****)	0	25 (12.8)	3 (****)	11 (15.5)
2012 Total	287	<5	16	5	182	12	68
2012 Anemia	30 (10.5)	0	4 (****)	0	13 (7.1)	1 (****)	12 (17.6)
2011 Total	306	<5	12	7	205	15	63
2011 Anemia	29 (9.5)	1 (****)	2 (****)	1 (****)	15 (7.3)	3 (****)	7 (11.1)

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

County <sup>1</sup>	Undup Total <sup>2</sup>	Amer Indian NH	Asian NH <sup>3</sup>	Black/ African-Amer NH <sup>5</sup>	White NH	> 1 Race NH	Hispanic All Races
<b>CHISAGO</b>							
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)

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

County <sup>1</sup>	Undup Total <sup>2</sup>	Amer Indian NH	Asian NH <sup>3</sup>	Black/ African-Amer NH <sup>5</sup>	White NH	> 1 Race NH	Hispanic All Races
<b>CLAY</b>							
2019 Total	1,052	51	15	280	471	69	166
2019 Anemia	77 (7.3)	7 (13.7)	0	28 (10.0)	30 (6.4)	1 (1.4)	11 (6.6)
2018 Total	1,142	59	15	268	518	88	194
2018 Anemia	99 (8.7)	5 (8.5)	1 (****)	42 (15.7)	31 (6.0)	4 (4.5)	16 (8.2)
2017 Total	1,189	41	12	232	609	98	197
2017 Anemia	101 (8.5)	2 (4.9)	1 (****)	30 (12.9)	48 (7.9)	6 (6.1)	14 (7.1)
2016 Total	1,161	54	11	209	600	108	179
2016 Anemia	72 (6.2)	4 (7.4)	1 (****)	16 (7.7)	33 (5.5)	7 (6.5)	11 (6.1)
2015 Total	1,154	44	8	146	626	108	222
2015 Anemia	81 (7.0)	7 (15.9)	1 (****)	22 (15.1)	32 (5.1)	6 (5.6)	13 (5.9)
2014 Total	1,123	35	8	92	660	101	227
2014 Anemia	52 (4.6)	3 (8.6)	1 (****)	8 (8.7)	27 (4.1)	5 (5.0)	8 (3.5)
2013 Total	1,118	37	9	80	673	108	211
2013 Anemia	53 (4.7)	2 (5.4)	1 (****)	15 (18.8)	24 (3.6)	3 (2.8)	8 (3.8)
2012 Total	1,123	44	15	58	682	105	219
2012 Anemia	78 (6.9)	1 (2.3)	0	12 (20.7)	46 (6.7)	8 (7.6)	11 (5.0)
2011 Total	1,160	42	17	58	712	121	210
2011 Anemia	57 (4.9)	2 (4.8)	2 (****)	8 (13.8)	28 (3.9)	9 (7.4)	8 (3.8)

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

County <sup>1</sup>	Undup Total <sup>2</sup>	Amer Indian NH	Asian NH <sup>3</sup>	Black/ African-Amer NH <sup>5</sup>	White NH	> 1 Race NH	Hispanic All Races
<b>CLEARWATER</b>							
2019 Total	172	40	<5	<5	107	18	<5
2019 Anemia	11 (6.4)	5 (12.5)	0	0	6 (5.6)	0	0
2018 Total	194	57	<5	0	111	18	6
2018 Anemia	24 (12.4)	9 (15.8)	1 (****)	0	10 (9.0)	2 (****)	2 (****)
2017 Total	185	47	<5	<5	111	19	5
2017 Anemia	21 (11.4)	5 (10.6)	0	0	13 (11.7)	2 (****)	1 (****)
2016 Total	168	39	<5	<5	109	9	6
2016 Anemia	19 (11.3)	6 (15.4)	0	2 (****)	8 (7.3)	0	3 (****)
2015 Total	177	40	<5	<5	112	14	7
2015 Anemia	21 (11.9)	8 (20.0)	0	1 (****)	9 (8.0)	2 (****)	1 (****)
2014 Total	208	54	<5	0	131	15	7
2014 Anemia	20 (9.6)	7 (13.0)	1 (****)	0	11 (8.4)	1 (****)	0
2013 Total	212	47	0	<5	145	13	5
2013 Anemia	17 (8.0)	6 (12.8)	0	0	11 (7.6)	0	0
2012 Total	210	43	0	<5	148	14	<5
2012 Anemia	30 (14.3)	5 (11.6)	0	2 (****)	21 (14.2)	1 (****)	1 (****)
2011 Total	225	49	0	<5	153	15	6
2011 Anemia	13 (5.8)	3 (6.1)	0	1 (****)	9 (5.9)	0	0



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

County <sup>1</sup>	Undup Total <sup>2</sup>	Amer Indian NH	Asian NH <sup>3</sup>	Black/ African-Amer NH <sup>5</sup>	White NH	> 1 Race NH	Hispanic All Races
<b>COOK</b>							
2019 Total	89	21	<5	<5	50	13	<5
2019 Anemia	13 (14.6)	5 (****)	1 (****)	0	4 (8.0)	3 (****)	0
2018 Total	104	23	0	0	59	13	9
2018 Anemia	17 (16.3)	5 (****)	0	0	5 (8.5)	5 (****)	2 (****)
2017 Total	108	25	0	0	61	14	8
2017 Anemia	14 (13.0)	4 (****)	0	0	5 (8.2)	4 (****)	1 (****)
2016 Total	101	16	<5	<5	62	15	7
2016 Anemia	18 (17.8)	6 (****)	0	0	6 (9.7)	4 (****)	2 (****)
2015 Total	118	20	<5	<5	75	11	10
2015 Anemia	22 (18.6)	7 (****)	0	0	13 (17.3)	2 (****)	0
2014 Total	102	11	<5	<5	74	9	6
2014 Anemia	13 (12.7)	2 (****)	0	0	7 (9.5)	2 (****)	2 (****)
2013 Total	116	11	<5	<5	87	11	5
2013 Anemia	8 (6.9)	1 (****)	0	0	4 (4.6)	2 (****)	1 (****)
2012 Total	113	12	<5	<5	76	14	9
2012 Anemia	3 (2.7)	0	0	0	2 (2.6)	1 (****)	0
2011 Total	109	16	<5	0	72	15	5
2011 Anemia	11 (10.1)	2 (****)	0	0	8 (11.1)	1 (****)	0

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

County <sup>1</sup>	Undup Total <sup>2</sup>	Amer Indian NH	Asian NH <sup>3</sup>	Black/ African-Amer NH <sup>5</sup>	White NH	> 1 Race NH	Hispanic All Races
<b>COTTONWOOD</b>							
2019 Total	252	<5	12	10	120	23	85
2019 Anemia	24 (9.5)	0	0	0	9 (7.5)	3 (****)	12 (14.1)
2018 Total	276	<5	14	8	141	22	90
2018 Anemia	38 (13.8)	0	6 (****)	3 (****)	20 (14.2)	1 (****)	8 (8.9)
2017 Total	277	<5	14	7	134	30	90
2017 Anemia	87 (31.4)	0	7 (****)	5 (****)	51 (38.1)	8 (26.7)	16 (17.8)
2016 Total	272	<5	17	9	126	26	94
2016 Anemia	37 (13.6)	0	3 (****)	2 (****)	16 (12.7)	4 (****)	12 (12.8)
2015 Total	270	<5	19	6	126	41	76
2015 Anemia	50 (18.5)	0	9 (****)	2 (****)	16 (12.7)	13 (31.7)	10 (13.2)
2014 Total	262	0	14	<5	124	37	85
2014 Anemia	33 (12.6)	0	4 (****)	0	14 (11.3)	6 (16.2)	9 (10.6)
2013 Total	287	0	16	<5	145	38	85
2013 Anemia	42 (14.6)	0	5 (****)	1 (****)	21 (14.5)	6 (15.8)	9 (10.6)
2012 Total	318	0	16	<5	164	38	96
2012 Anemia	65 (20.4)	0	5 (****)	2 (****)	29 (17.7)	11 (28.9)	18 (18.8)
2011 Total	315	0	22	<5	167	34	88
2011 Anemia	38 (12.1)	0	4 (****)	0	21 (12.6)	5 (14.7)	8 (9.1)

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

County <sup>1</sup>	Undup Total <sup>2</sup>	Amer Indian NH	Asian NH <sup>3</sup>	Black/ African-Amer NH <sup>5</sup>	White NH	> 1 Race NH	Hispanic All Races
<b>CROW WING</b>							
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 Infants and Children in Minnesota WIC by County and Race/Ethnicity**  
**Minnesota WIC Information System**

County <sup>1</sup>	Undup Total <sup>2</sup>	Amer Indian NH	Asian NH <sup>3</sup>	Black/ African-Amer NH <sup>5</sup>	White NH	> 1 Race NH	Hispanic All Races
<b>DAKOTA</b>							
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 Infants and Children in Minnesota WIC by County and Race/Ethnicity**  
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County <sup>1</sup>	Undup Total <sup>2</sup>	Amer Indian NH	Asian NH <sup>3</sup>	Black/ African-Amer NH <sup>5</sup>	White NH	> 1 Race NH	Hispanic All Races
<b>DODGE</b>							
2019 Total	242	<5	<5	6	161	16	57
2019 Anemia	34 (14.0)	0	0	1 (****)	17 (10.6)	5 (****)	11 (19.3)
2018 Total	272	<5	<5	<5	187	18	61
2018 Anemia	45 (16.5)	0	1 (****)	2 (****)	33 (17.6)	3 (****)	6 (9.8)
2017 Total	279	0	0	<5	194	14	68
2017 Anemia	46 (16.5)	0	0	0	32 (16.5)	3 (****)	11 (16.2)
2016 Total	329	<5	<5	5	231	17	74
2016 Anemia	51 (15.5)	0	0	2 (****)	37 (16.0)	2 (****)	10 (13.5)
2015 Total	334	<5	<5	10	214	21	87
2015 Anemia	52 (15.6)	1 (****)	0	6 (****)	28 (13.1)	5 (****)	12 (13.8)
2014 Total	346	<5	<5	10	231	20	81
2014 Anemia	54 (15.6)	1 (****)	0	3 (****)	32 (13.9)	5 (****)	13 (16.0)
2013 Total	345	<5	<5	8	254	18	59
2013 Anemia	52 (15.1)	0	0	3 (****)	32 (12.6)	3 (****)	14 (23.7)
2012 Total	387	<5	<5	6	275	20	80
2012 Anemia	59 (15.2)	0	0	0	46 (16.7)	4 (****)	9 (11.2)
2011 Total	413	<5	<5	<5	295	19	89
2011 Anemia	46 (11.1)	0	0	1 (****)	32 (10.8)	4 (****)	9 (10.1)

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

County <sup>1</sup>	Undup Total <sup>2</sup>	Amer Indian NH	Asian NH <sup>3</sup>	Black/ African-Amer NH <sup>5</sup>	White NH	> 1 Race NH	Hispanic All Races
<b>DOUGLAS</b>							
2019 Total	469	0	5	6	404	24	30
2019 Anemia	77 (16.4)	0	1 (****)	2 (****)	64 (15.8)	7 (****)	3 (10.0)
2018 Total	515	0	<5	8	446	22	37
2018 Anemia	94 (18.3)	0	0	1 (****)	82 (18.4)	4 (****)	7 (18.9)
2017 Total	580	<5	<5	11	503	23	41
2017 Anemia	70 (12.1)	0	0	3 (****)	59 (11.7)	2 (****)	6 (14.6)
2016 Total	570	<5	<5	7	499	22	37
2016 Anemia	89 (15.6)	0	0	4 (****)	76 (15.2)	5 (****)	4 (10.8)
2015 Total	604	<5	<5	11	506	34	49
2015 Anemia	66 (10.9)	0	0	2 (****)	55 (10.9)	1 (2.9)	8 (16.3)
2014 Total	663	<5	<5	10	549	44	57
2014 Anemia	89 (13.4)	0	0	3 (****)	73 (13.3)	4 (9.1)	9 (15.8)
2013 Total	655	<5	<5	7	559	35	51
2013 Anemia	66 (10.1)	0	0	1 (****)	57 (10.2)	5 (14.3)	3 (5.9)
2012 Total	671	<5	5	7	580	33	45
2012 Anemia	67 (10.0)	0	0	1 (****)	61 (10.5)	3 (9.1)	2 (4.4)
2011 Total	720	0	5	7	644	18	46
2011 Anemia	40 (5.6)	0	0	2 (****)	32 (5.0)	3 (****)	3 (6.5)

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

County <sup>1</sup>	Undup Total <sup>2</sup>	Amer Indian NH	Asian NH <sup>3</sup>	Black/ African-Amer NH <sup>5</sup>	White NH	> 1 Race NH	Hispanic All Races
<b>FARIBAULT</b>							
2019 Total	208	0	0	6	131	7	64
2019 Anemia	26 (12.5)	0	0	1 (****)	12 (9.2)	2 (****)	11 (17.2)
2018 Total	211	0	0	<5	140	8	61
2018 Anemia	32 (15.2)	0	0	1 (****)	14 (10.0)	2 (****)	15 (24.6)
2017 Total	217	0	0	<5	141	9	63
2017 Anemia	52 (24.0)	0	0	0	36 (25.5)	3 (****)	13 (20.6)
2016 Total	229	<5	<5	<5	153	11	63
2016 Anemia	43 (18.8)	0	0	0	27 (17.6)	2 (****)	14 (22.2)
2015 Total	247	<5	<5	<5	170	14	61
2015 Anemia	21 (8.5)	0	0	1 (****)	10 (5.9)	1 (****)	9 (14.8)
2014 Total	278	<5	0	0	203	11	62
2014 Anemia	22 (7.9)	0	0	0	14 (6.9)	2 (****)	6 (9.7)
2013 Total	299	<5	0	<5	210	12	72
2013 Anemia	33 (11.0)	0	0	1 (****)	22 (10.5)	1 (****)	9 (12.5)
2012 Total	316	<5	0	0	234	10	71
2012 Anemia	19 (6.0)	0	0	0	13 (5.6)	1 (****)	5 (7.0)
2011 Total	348	0	0	0	239	<5	93
2011 Anemia	23 (6.6)	0	0	0	16 (6.7)	2 (****)	5 (5.4)

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

County <sup>1</sup>	Undup Total <sup>2</sup>	Amer Indian NH	Asian NH <sup>3</sup>	Black/ African-Amer NH <sup>5</sup>	White NH	> 1 Race NH	Hispanic All Races
<b>FILLMORE</b>							
2019 Total	279	0	0	<5	257	11	10
2019 Anemia	30 (10.8)	0	0	0	28 (10.9)	1 (****)	1 (****)
2018 Total	287	0	0	<5	259	17	10
2018 Anemia	41 (14.3)	0	0	0	37 (14.3)	4 (****)	0
2017 Total	313	<5	0	<5	278	20	13
2017 Anemia	37 (11.8)	1 (****)	0	0	33 (11.9)	2 (****)	1 (****)
2016 Total	313	<5	<5	<5	280	18	13
2016 Anemia	27 (8.6)	0	0	0	25 (8.9)	1 (****)	1 (****)
2015 Total	327	<5	<5	<5	279	19	22
2015 Anemia	30 (9.2)	0	0	0	26 (9.3)	2 (****)	2 (****)
2014 Total	300	<5	<5	<5	266	16	14
2014 Anemia	46 (15.3)	0	0	0	42 (15.8)	3 (****)	1 (****)
2013 Total	292	0	0	<5	266	10	14
2013 Anemia	51 (17.5)	0	0	1 (****)	43 (16.2)	3 (****)	4 (****)
2012 Total	331	0	0	<5	305	15	10
2012 Anemia	62 (18.7)	0	0	1 (****)	54 (17.7)	4 (****)	3 (****)
2011 Total	372	0	<5	0	349	15	7
2011 Anemia	37 (9.9)	0	0	0	31 (8.9)	3 (****)	3 (****)



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

County <sup>1</sup>	Undup Total <sup>2</sup>	Amer Indian NH	Asian NH <sup>3</sup>	Black/ African-Amer NH <sup>5</sup>	White NH	> 1 Race NH	Hispanic All Races
<b>FREEBORN</b>							
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)

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

County <sup>1</sup>	Undup Total <sup>2</sup>	Amer Indian NH	Asian NH <sup>3</sup>	Black/ African-Amer NH <sup>5</sup>	White NH	> 1 Race NH	Hispanic All Races
<b>GOODHUE</b>							
2019 Total	466	5	<5	28	310	50	69
2019 Anemia	35 (7.5)	1 (****)	2 (****)	7 (****)	19 (6.1)	3 (6.0)	3 (4.3)
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 Infants and Children in Minnesota WIC by County and Race/Ethnicity**  
**Minnesota WIC Information System**

County <sup>1</sup>	Undup Total <sup>2</sup>	Amer Indian NH	Asian NH <sup>3</sup>	Black/ African-Amer NH <sup>5</sup>	White NH	> 1 Race NH	Hispanic All Races
<b>GRANT</b>							
2019 Total	94	0	0	<5	84	<5	5
2019 Anemia	22 (23.4)	0	0	0	20 (23.8)	1 (****)	1 (****)
2018 Total	119	0	0	0	107	<5	10
2018 Anemia	23 (19.3)	0	0	0	20 (18.7)	1 (****)	2 (****)
2017 Total	143	0	<5	<5	128	<5	10
2017 Anemia	17 (11.9)	0	1 (****)	0	16 (12.5)	0	0
2016 Total	146	<5	<5	<5	133	<5	9
2016 Anemia	19 (13.0)	0	0	0	15 (11.3)	0	4 (****)
2015 Total	151	<5	<5	<5	134	<5	14
2015 Anemia	15 (9.9)	0	0	0	11 (8.2)	0	4 (****)
2014 Total	152	0	<5	0	137	<5	11
2014 Anemia	16 (10.5)	0	0	0	16 (11.7)	0	0
2013 Total	133	0	<5	0	120	<5	8
2013 Anemia	10 (7.5)	0	0	0	10 (8.3)	0	0
2012 Total	136	0	<5	0	124	5	6
2012 Anemia	9 (6.6)	0	0	0	9 (7.3)	0	0
2011 Total	147	0	<5	0	132	<5	12
2011 Anemia	13 (8.8)	0	0	0	12 (9.1)	0	1 (****)

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

County <sup>1</sup>	Undup Total <sup>2</sup>	Amer Indian NH	Asian NH <sup>3</sup>	Black/ African-Amer NH <sup>5</sup>	White NH	> 1 Race NH	Hispanic All Races
<b>HENNEPIN</b>							
2019 Total	14,479	141	1,596	7,329	1,438	1,077	2,898
2019 Anemia	2,663 (18.4)	15 (10.6)	252 (15.8)	1,625 (22.2)	172 (12.0)	183 (17.0)	416 (14.4)
2018 Total	16,659	159	1,827	8,349	1,652	1,276	3,396
2018 Anemia	3,168 (19.0)	27 (17.0)	318 (17.4)	1,863 (22.3)	221 (13.4)	227 (17.8)	512 (15.1)
2017 Total	18,401	201	2,064	8,907	1,929	1,406	3,894
2017 Anemia	3,350 (18.2)	43 (21.4)	315 (15.3)	1,902 (21.4)	230 (11.9)	251 (17.9)	609 (15.6)
2016 Total	19,361	257	2,119	9,221	2,017	1,541	4,206
2016 Anemia	3,448 (17.8)	54 (21.0)	302 (14.3)	1,934 (21.0)	228 (11.3)	266 (17.3)	664 (15.8)
2015 Total	20,013	274	2,203	9,184	2,100	1,639	4,613
2015 Anemia	3,601 (18.0)	61 (22.3)	312 (14.2)	1,994 (21.7)	232 (11.0)	292 (17.8)	710 (15.4)
2014 Total	20,465	291	2,151	9,096	2,224	1,781	4,922
2014 Anemia	3,516 (17.2)	50 (17.2)	337 (15.7)	1,795 (19.7)	257 (11.6)	333 (18.7)	744 (15.1)
2013 Total	20,386	285	2,127	8,718	2,348	1,756	5,152
2013 Anemia	3,330 (16.3)	51 (17.9)	297 (14.0)	1,684 (19.3)	243 (10.3)	299 (17.0)	756 (14.7)
2012 Total	20,011	293	1,975	8,328	2,399	1,710	5,306
2012 Anemia	3,174 (15.9)	43 (14.7)	282 (14.3)	1,656 (19.9)	243 (10.1)	253 (14.8)	697 (13.1)
2011 Total	21,460	267	2,078	8,707	2,677	1,800	5,931
2011 Anemia	3,351 (15.6)	54 (20.2)	299 (14.4)	1,677 (19.3)	280 (10.5)	277 (15.4)	764 (12.9)

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

County <sup>1</sup>	Undup Total <sup>2</sup>	Amer Indian NH	Asian NH <sup>3</sup>	Black/ African-Amer NH <sup>5</sup>	White NH	> 1 Race NH	Hispanic All Races
<b>HOUSTON</b>							
2019 Total	191	0	<5	<5	157	19	10
2019 Anemia	35 (18.3)	0	1 (****)	0	28 (17.8)	4 (****)	2 (****)
2018 Total	182	0	0	0	150	19	13
2018 Anemia	23 (12.6)	0	0	0	18 (12.0)	4 (****)	1 (****)
2017 Total	176	0	<5	7	141	12	14
2017 Anemia	21 (11.9)	0	1 (****)	0	17 (12.1)	0	3 (****)
2016 Total	204	<5	<5	8	171	10	12
2016 Anemia	23 (11.3)	0	0	2 (****)	16 (9.4)	3 (****)	2 (****)
2015 Total	207	<5	<5	5	179	13	8
2015 Anemia	21 (10.1)	0	0	4 (****)	14 (7.8)	1 (****)	2 (****)
2014 Total	198	0	0	<5	182	9	5
2014 Anemia	23 (11.6)	0	0	0	21 (11.5)	2 (****)	0
2013 Total	207	0	0	<5	189	8	8
2013 Anemia	15 (7.2)	0	0	0	13 (6.9)	2 (****)	0
2012 Total	214	0	<5	<5	195	7	9
2012 Anemia	18 (8.4)	0	0	0	18 (9.2)	0	0
2011 Total	250	0	0	<5	226	12	9
2011 Anemia	18 (7.2)	0	0	0	16 (7.1)	1 (****)	1 (****)

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

County <sup>1</sup>	Undup Total <sup>2</sup>	Amer Indian NH	Asian NH <sup>3</sup>	Black/ African-Amer NH <sup>5</sup>	White NH	> 1 Race NH	Hispanic All Races
<b>HUBBARD</b>							
2019 Total	395	31	<5	<5	300	30	30
2019 Anemia	28 (7.1)	4 (12.9)	0	0	20 (6.7)	4 (13.3)	0
2018 Total	419	22	<5	5	315	40	35
2018 Anemia	36 (8.6)	1 (****)	1 (****)	0	24 (7.6)	4 (10.0)	6 (17.1)
2017 Total	429	37	0	<5	332	32	25
2017 Anemia	32 (7.5)	4 (10.8)	0	0	24 (7.2)	3 (9.4)	1 (****)
2016 Total	396	25	<5	<5	316	26	26
2016 Anemia	26 (6.6)	2 (****)	0	0	20 (6.3)	2 (****)	2 (****)
2015 Total	453	38	<5	6	346	39	24
2015 Anemia	35 (7.7)	4 (10.5)	0	3 (****)	26 (7.5)	1 (2.6)	1 (****)
2014 Total	429	23	<5	6	339	34	26
2014 Anemia	24 (5.6)	3 (****)	0	2 (****)	18 (5.3)	0	1 (****)
2013 Total	454	20	<5	<5	358	43	27
2013 Anemia	30 (6.6)	5 (****)	0	1 (****)	19 (5.3)	4 (9.3)	1 (****)
2012 Total	499	16	0	7	406	40	30
2012 Anemia	25 (5.0)	0	0	3 (****)	16 (3.9)	4 (10.0)	2 (6.7)
2011 Total	520	11	0	7	424	44	34
2011 Anemia	21 (4.0)	1 (****)	0	3 (****)	15 (3.5)	1 (2.3)	1 (2.9)

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

County <sup>1</sup>	Undup Total <sup>2</sup>	Amer Indian NH	Asian NH <sup>3</sup>	Black/ African-Amer NH <sup>5</sup>	White NH	> 1 Race NH	Hispanic All Races
<b>ISANTI</b>							
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 Infants and Children in Minnesota WIC by County and Race/Ethnicity**  
**Minnesota WIC Information System**

County <sup>1</sup>	Undup Total <sup>2</sup>	Amer Indian NH	Asian NH <sup>3</sup>	Black/ African-Amer NH <sup>5</sup>	White NH	> 1 Race NH	Hispanic All Races
<b>ITASCA</b>							
2019 Total	684	80	<5	7	478	94	22
2019 Anemia	56 (8.2)	13 (16.2)	0	3 (****)	30 (6.3)	10 (10.6)	0
2018 Total	679	79	<5	<5	476	95	26
2018 Anemia	73 (10.8)	15 (19.0)	0	0	42 (8.8)	13 (13.7)	3 (****)
2017 Total	700	82	<5	<5	503	81	30
2017 Anemia	52 (7.4)	15 (18.3)	0	0	28 (5.6)	6 (7.4)	3 (10.0)
2016 Total	733	81	<5	<5	548	75	26
2016 Anemia	70 (9.5)	19 (23.5)	1 (****)	0	41 (7.5)	8 (10.7)	1 (****)
2015 Total	780	103	<5	<5	562	81	29
2015 Anemia	85 (10.9)	20 (19.4)	0	1 (****)	49 (8.7)	12 (14.8)	3 (****)
2014 Total	766	114	<5	5	561	54	31
2014 Anemia	68 (8.9)	22 (19.3)	0	1 (****)	39 (7.0)	2 (3.7)	4 (12.9)
2013 Total	796	114	<5	<5	580	60	38
2013 Anemia	86 (10.8)	23 (20.2)	0	1 (****)	47 (8.1)	9 (15.0)	6 (15.8)
2012 Total	849	124	<5	0	626	63	35
2012 Anemia	60 (7.1)	22 (17.7)	0	0	31 (5.0)	6 (9.5)	1 (2.9)
2011 Total	901	119	<5	<5	663	77	38
2011 Anemia	68 (7.5)	12 (10.1)	0	0	49 (7.4)	5 (6.5)	2 (5.3)



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

County <sup>1</sup>	Undup Total <sup>2</sup>	Amer Indian NH	Asian NH <sup>3</sup>	Black/ African-Amer NH <sup>5</sup>	White NH	> 1 Race NH	Hispanic All Races
<b>JACKSON</b>							
2019 Total	135	0	<5	8	95	10	19
2019 Anemia	16 (11.9)	0	0	3 (****)	8 (8.4)	1 (****)	4 (****)
2018 Total	118	0	<5	9	77	13	16
2018 Anemia	23 (19.5)	0	0	1 (****)	13 (16.9)	3 (****)	6 (****)
2017 Total	120	0	<5	5	87	11	14
2017 Anemia	41 (34.2)	0	3 (****)	3 (****)	24 (27.6)	3 (****)	8 (****)
2016 Total	137	<5	5	<5	100	13	16
2016 Anemia	15 (10.9)	0	1 (****)	1 (****)	10 (10.0)	1 (****)	2 (****)
2015 Total	158	<5	10	<5	110	23	13
2015 Anemia	16 (10.1)	0	0	0	12 (10.9)	3 (****)	1 (****)
2014 Total	137	0	7	<5	91	18	20
2014 Anemia	21 (15.3)	0	1 (****)	1 (****)	14 (15.4)	4 (****)	1 (****)
2013 Total	157	<5	8	0	101	27	20
2013 Anemia	18 (11.5)	0	2 (****)	0	9 (8.9)	4 (****)	3 (****)
2012 Total	160	0	5	0	109	26	20
2012 Anemia	33 (20.6)	0	2 (****)	0	20 (18.3)	7 (****)	4 (****)
2011 Total	172	0	6	0	123	25	18
2011 Anemia	16 (9.3)	0	0	0	13 (10.6)	0	3 (****)

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

County <sup>1</sup>	Undup Total <sup>2</sup>	Amer Indian NH	Asian NH <sup>3</sup>	Black/ African-Amer NH <sup>5</sup>	White NH	> 1 Race NH	Hispanic All Races
<b>KANABEC</b>							
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	4	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 Infants and Children in Minnesota WIC by County and Race/Ethnicity**  
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County <sup>1</sup>	Undup Total <sup>2</sup>	Amer Indian NH	Asian NH <sup>3</sup>	Black/ African-Amer NH <sup>5</sup>	White NH	> 1 Race NH	Hispanic All Races
<b>KANDIYOHI</b>							
2019 Total	1,198	<5	31	378	336	37	412
2019 Anemia	157 (13.1)	1 (****)	4 (12.9)	59 (15.6)	37 (11.0)	4 (10.8)	52 (12.6)
2018 Total	1,215	<5	39	378	363	27	406
2018 Anemia	132 (10.9)	0	11 (28.2)	54 (14.3)	22 (6.1)	4 (****)	41 (10.1)
2017 Total	1,217	<5	21	375	400	25	395
2017 Anemia	139 (11.4)	0	1 (****)	59 (15.7)	27 (6.8)	3 (****)	49 (12.4)
2016 Total	1,234	5	18	356	433	19	403
2016 Anemia	130 (10.5)	0	4 (****)	53 (14.9)	37 (8.5)	2 (****)	34 (8.4)
2015 Total	1,190	<5	13	329	401	20	423
2015 Anemia	135 (11.3)	1 (****)	0	49 (14.9)	39 (9.7)	4 (****)	42 (9.9)
2014 Total	1,159	5	10	280	442	15	407
2014 Anemia	111 (9.6)	2 (****)	1 (****)	45 (16.1)	35 (7.9)	0	28 (6.9)
2013 Total	1,142	<5	10	224	451	17	438
2013 Anemia	123 (10.8)	0	2 (****)	35 (15.6)	40 (8.9)	0	46 (10.5)
2012 Total	1,178	<5	8	167	520	19	462
2012 Anemia	132 (11.2)	0	2 (****)	29 (17.4)	42 (8.1)	1 (****)	58 (12.6)
2011 Total	1,207	<5	8	134	582	33	447
2011 Anemia	114 (9.4)	0	3 (****)	22 (16.4)	35 (6.0)	1 (3.0)	53 (11.9)

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

County <sup>1</sup>	Undup Total <sup>2</sup>	Amer Indian NH	Asian NH <sup>3</sup>	Black/ African-Amer NH <sup>5</sup>	White NH	> 1 Race NH	Hispanic All Races
<b>KITSON</b>							
2019 Total	68	0	<5	0	58	<5	5
2019 Anemia	4 (5.9)	0	1 (****)	0	3 (5.2)	0	0
2018 Total	92	0	<5	0	82	<5	5
2018 Anemia	1 (1.1)	0	0	0	1 (1.2)	0	0
2017 Total	65	0	<5	0	58	<5	<5
2017 Anemia	3 (4.6)	0	0	0	3 (5.2)	0	0
2016 Total	75	<5	<5	<5	67	<5	5
2016 Anemia	3 (4.0)	0	0	0	3 (4.5)	0	0
2015 Total	86	<5	<5	<5	80	<5	<5
2015 Anemia	2 (2.3)	0	0	0	2 (2.5)	0	0
2014 Total	82	0	0	0	74	<5	6
2014 Anemia	2 (2.4)	0	0	0	2 (2.7)	0	0
2013 Total	92	0	0	<5	83	<5	6
2013 Anemia	1 (1.1)	0	0	0	1 (1.2)	0	0
2012 Total	99	0	0	0	95	0	<5
2012 Anemia	3 (3.0)	0	0	0	3 (3.2)	0	0
2011 Total	102	0	0	<5	98	0	<5
2011 Anemia	6 (5.9)	0	0	0	6 (6.1)	0	0

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

County <sup>1</sup>	Undup Total <sup>2</sup>	Amer Indian NH	Asian NH <sup>3</sup>	Black/ African-Amer NH <sup>5</sup>	White NH	> 1 Race NH	Hispanic All Races
<b>KOOCHICHING</b>							
2019 Total	127	6	0	<5	113	5	0
2019 Anemia	4 (3.1)	1 (****)	0	0	3 (2.7)	0	0
2018 Total	159	7	0	<5	140	6	<5
2018 Anemia	15 (9.4)	0	0	0	14 (10.0)	1 (****)	0
2017 Total	163	8	0	<5	143	9	<5
2017 Anemia	21 (12.9)	0	0	1 (****)	18 (12.6)	2 (****)	0
2016 Total	155	5	<5	<5	141	5	0
2016 Anemia	18 (11.6)	0	0	1 (****)	16 (11.3)	1 (****)	0
2015 Total	185	6	<5	<5	172	<5	<5
2015 Anemia	11 (5.9)	1 (****)	0	0	10 (5.8)	0	0
2014 Total	225	5	<5	5	203	7	<5
2014 Anemia	27 (12.0)	0	1 (****)	0	24 (11.8)	1 (****)	1 (****)
2013 Total	215	5	0	<5	196	6	5
2013 Anemia	24 (11.2)	0	0	1 (****)	22 (11.2)	0	1 (****)
2012 Total	240	6	0	<5	214	8	8
2012 Anemia	29 (12.1)	1 (****)	0	0	25 (11.7)	1 (****)	2 (****)
2011 Total	260	8	0	6	225	11	10
2011 Anemia	23 (8.8)	0	0	1 (****)	19 (8.4)	0	3 (****)

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

County <sup>1</sup>	Undup Total <sup>2</sup>	Amer Indian NH	Asian NH <sup>3</sup>	Black/ African-Amer NH <sup>5</sup>	White NH	> 1 Race NH	Hispanic All Races
<b>LAC QUI PARLE</b>							
2019 Total	66	0	0	0	58	0	8
2019 Anemia	9 (13.6)	0	0	0	7 (12.1)	0	2 (****)
2018 Total	82	<5	0	<5	70	0	10
2018 Anemia	4 (4.9)	0	0	0	2 (2.9)	0	2 (****)
2017 Total	86	<5	<5	0	73	0	9
2017 Anemia	6 (7.0)	0	1 (****)	0	4 (5.5)	0	1 (****)
2016 Total	89	<5	<5	<5	73	<5	15
2016 Anemia	6 (6.7)	0	0	0	6 (8.2)	0	0
2015 Total	97	<5	<5	<5	83	<5	14
2015 Anemia	7 (7.2)	0	0	0	5 (6.0)	0	2 (****)
2014 Total	112	0	0	0	90	<5	20
2014 Anemia	10 (8.9)	0	0	0	9 (10.0)	0	1 (****)
2013 Total	125	0	0	0	104	0	21
2013 Anemia	9 (7.2)	0	0	0	9 (8.7)	0	0
2012 Total	128	<5	0	0	107	<5	18
2012 Anemia	6 (4.7)	1 (****)	0	0	5 (4.7)	0	0
2011 Total	136	<5	0	0	117	<5	13
2011 Anemia	13 (9.6)	1 (****)	0	0	11 (9.4)	0	1 (****)

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

County <sup>1</sup>	Undup Total <sup>2</sup>	Amer Indian NH	Asian NH <sup>3</sup>	Black/ African-Amer NH <sup>5</sup>	White NH	> 1 Race NH	Hispanic All Races
<b>LAKE</b>							
2019 Total	148	0	0	0	140	6	2
2019 Anemia	19 (12.8)	0	0	0	16 (11.4)	2 (****)	1 (****)
2018 Total	140	0	<5	0	133	<5	<5
2018 Anemia	14 (10.0)	0	0	0	14 (10.5)	0	0
2017 Total	160	0	0	0	151	5	<5
2017 Anemia	16 (10.0)	0	0	0	16 (10.6)	0	0
2016 Total	155	<5	<5	<5	149	<5	<5
2016 Anemia	16 (10.3)	0	0	0	15 (10.1)	0	1 (****)
2015 Total	149	<5	<5	<5	142	<5	<5
2015 Anemia	23 (15.4)	0	0	0	22 (15.5)	0	1 (****)
2014 Total	154	0	0	<5	146	<5	<5
2014 Anemia	25 (16.2)	0	0	0	24 (16.4)	1 (****)	0
2013 Total	143	0	<5	<5	138	<5	<5
2013 Anemia	25 (17.5)	0	0	0	25 (18.1)	0	0
2012 Total	172	0	<5	<5	165	<5	<5
2012 Anemia	12 (7.0)	0	0	0	11 (6.7)	0	1 (****)
2011 Total	191	0	<5	<5	183	<5	<5
2011 Anemia	14 (7.3)	0	0	0	13 (7.1)	0	1 (****)

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

County <sup>1</sup>	Undup Total <sup>2</sup>	Amer Indian NH	Asian NH <sup>3</sup>	Black/ African-Amer NH <sup>5</sup>	White NH	> 1 Race NH	Hispanic All Races
<b>LAKE OF THE WOODS</b>							
2019 Total	51	0	0	0	44	6	<5
2019 Anemia	5 (9.8)	0	0	0	3 (6.8)	2 (****)	0
2018 Total	62	<5	<5	<5	50	7	<5
2018 Anemia	9 (14.5)	1 (****)	1 (****)	0	6 (12.0)	1 (****)	0
2017 Total	77	8	<5	<5	60	5	<5
2017 Anemia	22 (28.6)	5 (****)	1 (****)	0	15 (25.0)	1 (****)	0
2016 Total	75	<5	<5	<5	60	9	<5
2016 Anemia	6 (8.0)	0	1 (****)	0	4 (6.7)	1 (****)	0
2015 Total	72	<5	<5	<5	55	11	<5
2015 Anemia	6 (8.3)	0	1 (****)	0	5 (9.1)	0	0
2014 Total	67	<5	<5	0	56	8	<5
2014 Anemia	9 (13.4)	0	1 (****)	0	8 (14.3)	0	0
2013 Total	69	0	0	0	59	9	<5
2013 Anemia	8 (11.6)	0	0	0	7 (11.9)	0	1 (****)
2012 Total	60	0	0	0	52	6	<5
2012 Anemia	6 (10.0)	0	0	0	4 (7.7)	1 (****)	1 (****)
2011 Total	73	0	<5	0	64	6	<5
2011 Anemia	11 (15.1)	0	1 (****)	0	10 (15.6)	0	0



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

County <sup>1</sup>	Undup Total <sup>2</sup>	Amer Indian NH	Asian NH <sup>3</sup>	Black/ African-Amer NH <sup>5</sup>	White NH	> 1 Race NH	Hispanic All Races
<b>LE SUEUR</b>							
2019 Total	338	<5	<5	17	206	18	94
2019 Anemia	46 (13.6)	2 (****)	0	4 (****)	25 (12.1)	3 (****)	12 (12.8)
2018 Total	324	<5	0	11	186	18	108
2018 Anemia	73 (22.5)	0	0	4 (****)	39 (21.0)	7 (****)	23 (21.3)
2017 Total	402	<5	<5	12	236	15	136
2017 Anemia	81 (20.1)	0	1 (****)	2 (****)	40 (16.9)	5 (****)	33 (24.3)
2016 Total	387	<5	<5	11	221	21	129
2016 Anemia	37 (9.6)	0	0	2 (****)	22 (10.0)	2 (****)	11 (8.5)
2015 Total	387	<5	<5	<5	232	25	123
2015 Anemia	18 (4.7)	0	0	0	13 (5.6)	0	5 (4.1)
2014 Total	392	0	<5	<5	244	18	124
2014 Anemia	29 (7.4)	0	0	0	15 (6.1)	2 (****)	12 (9.7)
2013 Total	402	0	<5	9	247	23	121
2013 Anemia	23 (5.7)	0	0	0	12 (4.9)	0	11 (9.1)
2012 Total	413	<5	<5	<5	261	27	119
2012 Anemia	40 (9.7)	0	0	1 (****)	21 (8.0)	2 (****)	16 (13.4)
2011 Total	427	<5	0	5	271	21	127
2011 Anemia	46 (10.8)	1 (****)	0	0	25 (9.2)	1 (****)	19 (15.0)

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

County <sup>1</sup>	Undup Total <sup>2</sup>	Amer Indian NH	Asian NH <sup>3</sup>	Black/ African-Amer NH <sup>5</sup>	White NH	> 1 Race NH	Hispanic All Races
<b>LINCOLN</b>							
2019 Total	86	0	<5	0	66	8	11
2019 Anemia	1 (1.2)	0	0	0	1 (1.5)	0	0
2018 Total	82	0	<5	0	67	5	8
2018 Anemia	3 (3.7)	0	0	0	3 (4.5)	0	0
2017 Total	78	0	0	0	66	<5	9
2017 Anemia	0	0	0	0	0	0	0
2016 Total	92	<5	<5	<5	76	6	7
2016 Anemia	2 (2.2)	0	0	0	2 (2.6)	0	0
2015 Total	102	<5	<5	<5	83	<5	13
2015 Anemia	3 (2.9)	0	0	0	3 (3.6)	0	0
2014 Total	90	<5	0	0	75	<5	10
2014 Anemia	5 (5.6)	0	0	0	4 (5.3)	0	1 (****)
2013 Total	97	<5	0	0	81	<5	11
2013 Anemia	3 (3.1)	0	0	0	2 (2.5)	0	1 (****)
2012 Total	92	0	0	0	79	<5	9
2012 Anemia	9 (9.8)	0	0	0	5 (6.3)	0	4 (****)
2011 Total	111	0	0	0	93	<5	15
2011 Anemia	7 (6.3)	0	0	0	4 (4.3)	0	3 (****)

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

County <sup>1</sup>	Undup Total <sup>2</sup>	Amer Indian NH	Asian NH <sup>3</sup>	Black/ African-Amer NH <sup>5</sup>	White NH	> 1 Race NH	Hispanic All Races
<b>LYON</b>							
2019 Total	735	<5	118	89	299	45	181
2019 Anemia	45 (6.1)	1 (****)	12 (10.2)	10 (11.2)	10 (3.3)	1 (2.2)	11 (6.1)
2018 Total	758	<5	105	93	328	41	189
2018 Anemia	42 (5.5)	1 (****)	11 (10.5)	11 (11.8)	9 (2.7)	2 (4.9)	8 (4.2)
2017 Total	715	0	109	83	289	48	186
2017 Anemia	45 (6.3)	0	8 (7.3)	14 (16.9)	6 (2.1)	4 (8.3)	13 (7.0)
2016 Total	764	<5	101	108	342	38	172
2016 Anemia	34 (4.5)	0	8 (7.9)	4 (3.7)	14 (4.1)	0	8 (4.7)
2015 Total	751	<5	98	104	332	45	170
2015 Anemia	39 (5.2)	0	9 (9.2)	7 (6.7)	14 (4.2)	3 (6.7)	6 (3.5)
2014 Total	650	0	66	85	323	38	138
2014 Anemia	27 (4.2)	0	5 (7.6)	5 (5.9)	5 (1.5)	1 (2.6)	11 (8.0)
2013 Total	680	<5	60	70	350	41	158
2013 Anemia	38 (5.6)	0	3 (5.0)	8 (11.4)	15 (4.3)	2 (4.9)	10 (6.3)
2012 Total	704	<5	51	66	371	34	181
2012 Anemia	32 (4.5)	0	4 (7.8)	7 (10.6)	12 (3.2)	0	9 (5.0)
2011 Total	736	<5	47	65	399	27	195
2011 Anemia	30 (4.1)	0	2 (4.3)	6 (9.2)	17 (4.3)	1 (****)	4 (2.1)

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

County <sup>1</sup>	Undup Total <sup>2</sup>	Amer Indian NH	Asian NH <sup>3</sup>	Black/ African-Amer NH <sup>5</sup>	White NH	> 1 Race NH	Hispanic All Races
<b>MAHNOMEN</b>							
2019 Total	258	188	<5	<5	19	25	24
2019 Anemia	21 (8.1)	18 (9.6)	0	0	2 (****)	0	1 (****)
2018 Total	281	198	<5	0	25	35	22
2018 Anemia	22 (7.8)	15 (7.6)	0	0	2 (****)	5 (14.3)	0
2017 Total	327	236	<5	<5	28	38	23
2017 Anemia	28 (8.6)	22 (9.3)	0	0	3 (****)	2 (5.3)	1 (****)
2016 Total	306	216	<5	<5	28	37	23
2016 Anemia	27 (8.8)	20 (9.3)	0	0	1 (****)	3 (8.1)	3 (****)
2015 Total	323	220	<5	<5	33	43	26
2015 Anemia	37 (11.5)	23 (10.5)	0	0	5 (15.2)	5 (11.6)	4 (****)
2014 Total	348	231	0	<5	42	54	20
2014 Anemia	19 (5.5)	11 (4.8)	0	0	3 (7.1)	4 (7.4)	1 (****)
2013 Total	349	215	0	<5	52	57	24
2013 Anemia	39 (11.2)	26 (12.1)	0	0	5 (9.6)	6 (10.5)	2 (****)
2012 Total	335	203	0	0	53	53	26
2012 Anemia	45 (13.4)	30 (14.8)	0	0	4 (7.5)	7 (13.2)	4 (****)
2011 Total	339	201	0	0	57	57	24
2011 Anemia	28 (8.3)	16 (8.0)	0	0	5 (8.8)	5 (8.8)	2 (****)

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

County <sup>1</sup>	Undup Total <sup>2</sup>	Amer Indian NH	Asian NH <sup>3</sup>	Black/ African-Amer NH <sup>5</sup>	White NH	> 1 Race NH	Hispanic All Races
<b>MARSHALL</b>							
2019 Total	171	<5	0	<5	136	<5	28
2019 Anemia	5 (2.9)	0	0	1 (***)	3 (2.2)	0	1 (***)
2018 Total	166	<5	0	<5	126	8	30
2018 Anemia	2 (1.2)	0	0	0	0	0	2 (6.7)
2017 Total	199	<5	<5	0	157	5	34
2017 Anemia	5 (2.5)	0	0	0	3 (1.9)	0	2 (5.9)
2016 Total	201	<5	<5	<5	171	7	21
2016 Anemia	8 (4.0)	0	0	0	8 (4.7)	0	0
2015 Total	190	<5	<5	<5	151	9	26
2015 Anemia	7 (3.7)	0	0	0	6 (4.0)	0	1 (***)
2014 Total	202	<5	<5	0	158	8	33
2014 Anemia	2 (1.0)	0	0	0	2 (1.3)	0	0
2013 Total	183	<5	0	0	153	6	20
2013 Anemia	4 (2.2)	0	0	0	3 (2.0)	0	1 (***)
2012 Total	186	<5	0	0	165	5	15
2012 Anemia	12 (6.5)	0	0	0	11 (6.7)	0	1 (***)
2011 Total	211	<5	0	0	186	5	18
2011 Anemia	7 (3.3)	0	0	0	5 (2.7)	0	2 (***)

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

County <sup>1</sup>	Undup Total <sup>2</sup>	Amer Indian NH	Asian NH <sup>3</sup>	Black/ African-Amer NH <sup>5</sup>	White NH	> 1 Race NH	Hispanic All Races
<b>MARTIN</b>							
2019 Total	367	0	<5	<5	234	9	122
2019 Anemia	27 (7.4)	0	0	0	16 (6.8)	0	11 (9.0)
2018 Total	339	0	<5	<5	217	11	106
2018 Anemia	49 (14.5)	0	0	1 (****)	30 (13.8)	1 (****)	17 (16.0)
2017 Total	393	0	<5	<5	268	12	110
2017 Anemia	50 (12.7)	0	0	0	33 (12.3)	1 (****)	16 (14.5)
2016 Total	407	<5	<5	<5	306	13	84
2016 Anemia	36 (8.8)	0	0	1 (****)	24 (7.8)	1 (****)	10 (11.9)
2015 Total	405	<5	<5	<5	303	16	81
2015 Anemia	79 (19.5)	0	0	2 (****)	59 (19.5)	4 (****)	14 (17.3)
2014 Total	445	<5	0	<5	345	18	78
2014 Anemia	66 (14.8)	0	0	1 (****)	54 (15.7)	3 (****)	8 (10.3)
2013 Total	400	<5	0	<5	320	13	63
2013 Anemia	66 (14.8)	0	0	1 (****)	54 (15.7)	3 (****)	8 (10.3)
2012 Total	430	0	<5	5	325	25	74
2012 Anemia	40 (9.3)	0	0	1 (****)	31 (9.5)	3 (****)	5 (6.8)
2011 Total	454	<5	<5	<5	352	24	72
2011 Anemia	41 (9.0)	0	0	0	31 (8.8)	0	10 (13.9)

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

County <sup>1</sup>	Undup Total <sup>2</sup>	Amer Indian NH	Asian NH <sup>3</sup>	Black/ African-Amer NH <sup>5</sup>	White NH	> 1 Race NH	Hispanic All Races
<b>MCLEOD</b>							
2019 Total	518	<5	<5	11	336	22	144
2019 Anemia	50 (9.7)	0	0	4 (****)	23 (6.8)	4 (****)	19 (13.2)
2018 Total	528	5	<5	10	334	23	154
2018 Anemia	65 (12.3)	1 (****)	0	4 (****)	34 (10.2)	1 (****)	25 (16.2)
2017 Total	571	<5	<5	8	367	30	159
2017 Anemia	76 (13.3)	0	0	0	47 (12.8)	6 (20.0)	23 (14.5)
2016 Total	578	<5	11	<5	375	31	154
2016 Anemia	65 (11.2)	1 (****)	0	0	34 (9.1)	6 (19.4)	24 (15.6)
2015 Total	605	<5	<5	9	398	28	163
2015 Anemia	75 (12.4)	0	0	1 (****)	53 (13.3)	2 (****)	19 (11.7)
2014 Total	640	<5	<5	8	446	34	145
2014 Anemia	45 (7.0)	0	0	0	30 (6.7)	0	15 (10.3)
2013 Total	637	6	<5	11	452	32	134
2013 Anemia	52 (8.2)	3 (****)	0	2 (****)	34 (7.5)	0	13 (9.7)
2012 Total	630	<5	5	11	441	30	140
2012 Anemia	42 (6.7)	0	0	1 (****)	26 (5.9)	1 (3.3)	14 (10.0)
2011 Total	734	<5	5	11	524	27	165
2011 Anemia	54 (7.4)	0	1 (****)	1 (****)	35 (6.7)	1 (****)	16 (9.7)

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

County <sup>1</sup>	Undup Total <sup>2</sup>	Amer Indian NH	Asian NH <sup>3</sup>	Black/ African-Amer NH <sup>5</sup>	White NH	> 1 Race NH	Hispanic All Races
<b>MEEKER</b>							
2019 Total	401	0	0	9	322	10	60
2019 Anemia	38 (9.5)	0	0	0	32 (9.9)	1 (****)	5 (8.3)
2018 Total	390	0	<5	6	325	13	45
2018 Anemia	46 (11.8)	0	0	1 (****)	34 (10.5)	5 (****)	6 (13.3)
2017 Total	415	<5	<5	<5	345	14	49
2017 Anemia	62 (14.9)	0	0	2 (****)	52 (15.1)	4 (****)	4 (8.2)
2016 Total	406	<5	<5	<5	326	16	56
2016 Anemia	50 (12.3)	0	0	2 (****)	40 (12.3)	2 (****)	6 (10.7)
2015 Total	409	<5	<5	<5	346	12	47
2015 Anemia	36 (8.8)	0	0	0	30 (8.7)	2 (****)	4 (8.5)
2014 Total	409	0	<5	<5	351	15	38
2014 Anemia	37 (9.0)	0	1 (****)	0	32 (9.1)	3 (****)	1 (2.6)
2013 Total	443	<5	<5	<5	381	13	45
2013 Anemia	30 (6.8)	0	0	0	26 (6.8)	0	4 (8.9)
2012 Total	481	0	<5	6	414	12	47
2012 Anemia	13 (2.7)	0	0	1 (****)	9 (2.2)	0	3 (6.4)
2011 Total	530	0	<5	5	444	10	69
2011 Anemia	32 (6.0)	0	0	2 (****)	24 (5.4)	3 (****)	3 (4.3)



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

County <sup>1</sup>	Undup Total <sup>2</sup>	Amer Indian NH	Asian NH <sup>3</sup>	Black/ African-Amer NH <sup>5</sup>	White NH	> 1 Race NH	Hispanic All Races
<b>MILLE LACS CO</b>							
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 Infants and Children in Minnesota WIC by County and Race/Ethnicity**  
**Minnesota WIC Information System**

County <sup>1</sup>	Undup Total <sup>2</sup>	Amer Indian NH	Asian NH <sup>3</sup>	Black/ African-Amer NH <sup>5</sup>	White NH	> 1 Race NH	Hispanic All Races
<b>MORRISON</b>							
2019 Total	475	2	<5	15	396	39	22
2019 Anemia	53 (11.2)	0	0	8 (****)	36 (9.1)	6 (15.4)	3 (****)
2018 Total	533	<5	0	15	450	34	30
2018 Anemia	61 (11.4)	3 (****)	0	4 (****)	38 (8.4)	8 (23.5)	8 (26.7)
2017 Total	617	<5	0	9	528	39	39
2017 Anemia	48 (7.8)	0	0	0	40 (7.6)	3 (7.7)	5 (12.8)
2016 Total	662	5	<5	15	551	43	47
2016 Anemia	41 (6.2)	0	0	1 (****)	37 (6.7)	1 (2.3)	2 (4.3)
2015 Total	696	5	<5	15	591	45	39
2015 Anemia	57 (8.2)	1 (****)	0	5 (****)	41 (6.9)	8 (17.8)	2 (5.1)
2014 Total	678	<5	<5	8	593	38	34
2014 Anemia	44 (6.5)	0	0	2 (****)	36 (6.1)	4 (10.5)	2 (5.9)
2013 Total	679	<5	<5	6	603	32	33
2013 Anemia	54 (8.0)	0	0	1 (****)	47 (7.8)	5 (15.6)	1 (3.0)
2012 Total	740	<5	<5	6	651	40	40
2012 Anemia	58 (7.8)	1 (****)	0	1 (****)	50 (7.7)	5 (12.5)	1 (2.5)
2011 Total	794	0	0	5	725	28	36
2011 Anemia	56 (7.1)	0	0	0	45 (6.2)	5 (****)	6 (16.7)

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

County <sup>1</sup>	Undup Total <sup>2</sup>	Amer Indian NH	Asian NH <sup>3</sup>	Black/ African-Amer NH <sup>5</sup>	White NH	> 1 Race NH	Hispanic All Races
<b>MOWER</b>							
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 Infants and Children in Minnesota WIC by County and Race/Ethnicity**  
**Minnesota WIC Information System**

County <sup>1</sup>	Undup Total <sup>2</sup>	Amer Indian NH	Asian NH <sup>3</sup>	Black/ African-Amer NH <sup>5</sup>	White NH	> 1 Race NH	Hispanic All Races
<b>MURRAY</b>							
2019 Total	114	0	5	<5	85	5	18
2019 Anemia	9 (7.9)	0	1 (****)	0	8 (9.4)	0	0
2018 Total	129	0	7	<5	92	11	18
2018 Anemia	6 (4.7)	0	0	0	4 (4.3)	1 (****)	1 (****)
2017 Total	144	0	8	5	98	6	27
2017 Anemia	9 (6.2)	0	0	0	8 (8.2)	0	1 (****)
2016 Total	139	<5	<5	<5	100	<5	32
2016 Anemia	5 (3.6)	0	0	0	3 (3.0)	0	2 (6.2)
2015 Total	145	<5	<5	<5	103	5	32
2015 Anemia	16 (11.0)	1 (****)	0	0	11 (10.7)	0	4 (12.5)
2014 Total	140	<5	<5	0	101	13	22
2014 Anemia	7 (5.0)	0	0	0	6 (5.9)	0	1 (****)
2013 Total	152	<5	5	0	117	10	19
2013 Anemia	6 (3.9)	0	0	0	4 (3.4)	0	2 (****)
2012 Total	155	0	6	0	120	8	21
2012 Anemia	5 (3.2)	0	1 (****)	0	2 (1.7)	1 (****)	1 (****)
2011 Total	145	0	<5	0	124	5	15
2011 Anemia	7 (4.8)	0	0	0	6 (4.8)	0	1 (****)

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

County <sup>1</sup>	Undup Total <sup>2</sup>	Amer Indian NH	Asian NH <sup>3</sup>	Black/ African-Amer NH <sup>5</sup>	White NH	> 1 Race NH	Hispanic All Races
<b>NICOLLET</b>							
2019 Total	401	<5	<5	122	184	18	69
2019 Anemia	42 (10.5)	0	0	22 (18.0)	15 (8.2)	2 (****)	3 (4.3)
2018 Total	397	<5	<5	97	191	21	82
2018 Anemia	47 (11.8)	0	0	16 (16.5)	19 (9.9)	2 (****)	10 (12.2)
2017 Total	395	0	<5	110	189	18	74
2017 Anemia	51 (12.9)	0	0	14 (12.7)	27 (14.3)	2 (****)	8 (10.8)
2016 Total	458	<5	<5	124	234	18	80
2016 Anemia	46 (10.0)	0	0	20 (16.1)	19 (8.1)	3 (****)	4 (5.0)
2015 Total	490	<5	<5	107	257	22	101
2015 Anemia	40 (8.2)	0	0	11 (10.3)	18 (7.0)	3 (****)	8 (7.9)
2014 Total	501	0	<5	101	279	31	87
2014 Anemia	29 (5.8)	0	0	13 (12.9)	15 (5.4)	0	1 (1.1)
2013 Total	460	0	<5	73	284	29	72
2013 Anemia	28 (6.1)	0	0	9 (12.3)	13 (4.6)	1 (****)	5 (6.9)
2012 Total	488	0	<5	57	310	37	82
2012 Anemia	24 (4.9)	0	0	6 (10.5)	13 (4.2)	1 (2.7)	4 (4.9)
2011 Total	487	<5	<5	50	314	32	89
2011 Anemia	24 (4.9)	0	0	4 (8.0)	13 (4.1)	3 (9.4)	4 (4.5)

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

County <sup>1</sup>	Undup Total <sup>2</sup>	Amer Indian NH	Asian NH <sup>3</sup>	Black/ African-Amer NH <sup>5</sup>	White NH	> 1 Race NH	Hispanic All Races
<b>NOBLES</b>							
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 Infants and Children in Minnesota WIC by County and Race/Ethnicity**  
**Minnesota WIC Information System**

County <sup>1</sup>	Undup Total <sup>2</sup>	Amer Indian NH	Asian NH <sup>3</sup>	Black/ African-Amer NH <sup>5</sup>	White NH	> 1 Race NH	Hispanic All Races
<b>NORMAN</b>							
2019 Total	143	<5	0	<5	96	18	24
2019 Anemia	9 (6.3)	0	0	0	7 (7.3)	2 (****)	0
2018 Total	129	<5	0	<5	97	10	18
2018 Anemia	17 (13.2)	1 (****)	0	0	15 (15.5)	1 (****)	0
2017 Total	126	5	0	<5	87	14	19
2017 Anemia	13 (10.3)	0	0	0	9 (10.3)	2 (****)	2 (****)
2016 Total	132	<5	<5	<5	90	16	21
2016 Anemia	7 (5.3)	0	0	0	6 (6.7)	0	1 (****)
2015 Total	139	<5	<5	<5	97	13	23
2015 Anemia	8 (5.8)	1 (****)	0	0	4 (4.1)	3 (****)	0
2014 Total	146	5	<5	0	94	17	29
2014 Anemia	11 (7.5)	0	0	0	5 (5.3)	3 (****)	3 (****)
2013 Total	123	<5	0	0	84	9	29
2013 Anemia	4 (3.3)	0	0	0	3 (3.6)	1 (****)	0
2012 Total	139	<5	0	<5	99	10	26
2012 Anemia	7 (5.0)	0	0	0	6 (6.1)	0	1 (****)
2011 Total	157	<5	<5	0	110	10	33
2011 Anemia	8 (5.1)	0	0	0	4 (3.6)	1 (****)	3 (9.1)

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

County <sup>1</sup>	Undup Total <sup>2</sup>	Amer Indian NH	Asian NH <sup>3</sup>	Black/ African-Amer NH <sup>5</sup>	White NH	> 1 Race NH	Hispanic All Races
<b>OLMSTED</b>							
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	41 (20.7)	124 (17.7)	115 (12.3)	39 (14.0)	67 (14.8)
2014 Total	2,695	<5	184	721	1,023	302	463
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 Infants and Children in Minnesota WIC by County and Race/Ethnicity**  
**Minnesota WIC Information System**

County <sup>1</sup>	Undup Total <sup>2</sup>	Amer Indian NH	Asian NH <sup>3</sup>	Black/ African-Amer NH <sup>5</sup>	White NH	> 1 Race NH	Hispanic All Races
<b>OTTER TAIL</b>							
2019 Total	912	7	<5	67	645	66	123
2019 Anemia	57 (6.2)	1 (****)	0	3 (4.5)	47 (7.3)	2 (3.0)	4 (3.3)
2018 Total	915	11	10	74	640	69	111
2018 Anemia	55 (6.0)	1 (****)	0	3 (4.1)	38 (5.9)	5 (7.2)	8 (7.2)
2017 Total	974	7	6	69	694	79	119
2017 Anemia	69 (7.1)	0	1 (****)	3 (4.3)	53 (7.6)	5 (6.3)	7 (5.9)
2016 Total	953	13	6	61	683	71	119
2016 Anemia	59 (6.2)	0	0	1 (1.6)	49 (7.2)	4 (5.6)	5 (4.2)
2015 Total	999	11	7	65	729	75	112
2015 Anemia	80 (8.0)	2 (****)	1 (****)	6 (9.2)	56 (7.7)	8 (10.7)	7 (6.2)
2014 Total	973	9	9	56	711	71	117
2014 Anemia	62 (6.4)	1 (****)	2 (****)	5 (8.9)	38 (5.3)	11 (15.5)	5 (4.3)
2013 Total	945	8	8	58	691	71	109
2013 Anemia	50 (5.3)	1 (****)	0	5 (8.6)	36 (5.2)	4 (5.6)	4 (3.7)
2012 Total	1,022	10	8	46	771	65	122
2012 Anemia	63 (6.2)	1 (****)	0	7 (15.2)	51 (6.6)	2 (3.1)	2 (1.6)
2011 Total	1,102	11	9	39	858	69	116
2011 Anemia	61 (5.5)	0	0	4 (10.3)	41 (4.8)	4 (5.8)	12 (10.3)

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

County <sup>1</sup>	Undup Total <sup>2</sup>	Amer Indian NH	Asian NH <sup>3</sup>	Black/ African-Amer NH <sup>5</sup>	White NH	> 1 Race NH	Hispanic All Races
<b>PENNINGTON</b>							
2019 Total	278	<5	<5	6	200	21	45
2019 Anemia	9 (3.2)	0	0	0	8 (4.0)	0	1 (2.2)
2018 Total	293	5	<5	5	209	24	47
2018 Anemia	11 (3.8)	1 (****)	0	0	8 (3.8)	1 (****)	1 (2.1)
2017 Total	276	6	<5	11	201	18	38
2017 Anemia	7 (2.5)	0	0	1 (****)	5 (2.5)	0	1 (2.6)
2016 Total	337	14	<5	7	252	28	34
2016 Anemia	12 (3.6)	0	0	0	9 (3.6)	0	3 (8.8)
2015 Total	341	12	<5	<5	246	28	49
2015 Anemia	14 (4.1)	0	0	1 (****)	13 (5.3)	0	0
2014 Total	313	7	<5	<5	233	22	44
2014 Anemia	12 (3.8)	0	0	0	10 (4.3)	0	2 (4.5)
2013 Total	344	12	<5	<5	263	26	37
2013 Anemia	20 (5.8)	3 (****)	1 (****)	0	12 (4.6)	2 (****)	2 (5.4)
2012 Total	379	14	<5	6	278	30	47
2012 Anemia	20 (5.3)	4 (****)	0	1 (****)	12 (4.3)	1 (3.3)	2 (4.3)
2011 Total	380	18	2	12	286	21	41
2011 Anemia	22 (5.8)	3 (****)	0	1 (****)	13 (4.5)	0	5 (12.2)

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

County <sup>1</sup>	Undup Total <sup>2</sup>	Amer Indian NH	Asian NH <sup>3</sup>	Black/ African-Amer NH <sup>5</sup>	White NH	> 1 Race NH	Hispanic All Races
<b>PINE</b>							
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 Infants and Children in Minnesota WIC by County and Race/Ethnicity**  
**Minnesota WIC Information System**

County <sup>1</sup>	Undup Total <sup>2</sup>	Amer Indian NH	Asian NH <sup>3</sup>	Black/ African-Amer NH <sup>5</sup>	White NH	> 1 Race NH	Hispanic All Races
<b>PIPESTONE</b>							
2019 Total	235	<5	<5	9	119	24	78
2019 Anemia	11 (4.7)	0	1 (****)	3 (****)	2 (1.7)	2 (****)	3 (3.8)
2018 Total	236	5	<5	7	131	23	69
2018 Anemia	8 (3.4)	0	0	0	4 (3.1)	1 (****)	3 (4.3)
2017 Total	271	5	<5	<5	148	27	86
2017 Anemia	10 (3.7)	1 (****)	1 (****)	0	6 (4.1)	0	2 (2.3)
2016 Total	268	<5	<5	10	145	23	85
2016 Anemia	10 (3.7)	1 (****)	0	0	6 (4.1)	0	3 (3.5)
2015 Total	293	<5	<5	11	165	21	90
2015 Anemia	9 (3.1)	0	0	1 (****)	6 (3.6)	0	2 (2.2)
2014 Total	284	<5	<5	<5	170	25	80
2014 Anemia	6 (2.1)	0	0	0	1 (<1)	0	5 (6.2)
2013 Total	264	<5	<5	5	159	27	68
2013 Anemia	11 (4.2)	0	1 (****)	0	7 (4.4)	0	3 (4.4)
2012 Total	280	<5	<5	7	172	33	66
2012 Anemia	8 (2.9)	0	0	0	5 (2.9)	0	3 (4.5)
2011 Total	283	<5	<5	7	173	23	76
2011 Anemia	7 (2.5)	1 (****)	0	1 (****)	3 (1.7)	0	2 (2.6)

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

County <sup>1</sup>	Undup Total <sup>2</sup>	Amer Indian NH	Asian NH <sup>3</sup>	Black/ African-Amer NH <sup>5</sup>	White NH	> 1 Race NH	Hispanic All Races
<b>POLK</b>							
2019 Total	626	16	<5	110	304	40	152
2019 Anemia	11 (1.8)	1 (****)	0	5 (4.5)	4 (1.3)	0	1 (<1)
2018 Total	675	9	<5	148	323	46	147
2018 Anemia	16 (2.4)	0	0	3 (2.0)	9 (2.8)	2 (4.3)	2 (1.4)
2017 Total	708	12	<5	120	368	48	157
2017 Anemia	79 (11.2)	1 (****)	0	14 (11.7)	48 (13.0)	5 (10.4)	11 (7.0)
2016 Total	665	11	<5	82	360	46	164
2016 Anemia	47 (7.1)	1 (****)	0	6 (7.3)	20 (5.6)	5 (10.9)	15 (9.1)
2015 Total	706	14	<5	52	416	56	165
2015 Anemia	51 (7.2)	0	0	5 (9.6)	25 (6.0)	6 (10.7)	15 (9.1)
2014 Total	737	14	<5	42	458	62	158
2014 Anemia	47 (6.4)	1 (****)	0	3 (7.1)	27 (5.9)	3 (4.8)	13 (8.2)
2013 Total	730	19	<5	47	450	58	152
2013 Anemia	57 (7.8)	0	0	5 (10.6)	36 (8.0)	5 (8.6)	11 (7.2)
2012 Total	774	14	<5	38	524	43	152
2012 Anemia	77 (9.9)	1 (****)	2 (****)	4 (10.5)	52 (9.9)	2 (4.7)	16 (10.5)
2011 Total	816	25	<5	22	543	49	175
2011 Anemia	70 (8.6)	3 (****)	1 (****)	6 (****)	38 (7.0)	7 (14.3)	15 (8.6)

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

County <sup>1</sup>	Undup Total <sup>2</sup>	Amer Indian NH	Asian NH <sup>3</sup>	Black/ African-Amer NH <sup>5</sup>	White NH	> 1 Race NH	Hispanic All Races
<b>POPE</b>							
2019 Total	168	0	<5	<5	149	5	10
2019 Anemia	18 (10.7)	0	1 (****)	2 (****)	14 (9.4)	1 (****)	0
2018 Total	177	0	<5	<5	150	6	19
2018 Anemia	18 (10.2)	0	0	0	16 (10.7)	0	2 (****)
2017 Total	160	0	<5	<5	134	7	15
2017 Anemia	19 (11.9)	0	0	0	15 (11.2)	1 (****)	3 (****)
2016 Total	193	<5	<5	<5	168	7	16
2016 Anemia	18 (9.3)	0	0	0	16 (9.5)	0	2 (****)
2015 Total	197	<5	<5	<5	165	10	19
2015 Anemia	7 (3.6)	0	0	0	7 (4.2)	0	0
2014 Total	195	0	0	<5	166	10	18
2014 Anemia	15 (7.7)	0	0	0	12 (7.2)	1 (****)	2 (****)
2013 Total	204	0	0	<5	174	15	14
2013 Anemia	12 (5.9)	0	0	0	7 (4.0)	1 (****)	4 (****)
2012 Total	249	0	<5	<5	215	21	11
2012 Anemia	18 (7.2)	0	0	0	14 (6.5)	4 (****)	0
2011 Total	248	<5	<5	<5	212	22	10
2011 Anemia	17 (6.9)	0	0	0	15 (7.1)	2 (****)	0

**Multi Year Anemia in Infants and Children in Minnesota WIC by County and Race/Ethnicity**  
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County <sup>1</sup>	Undup Total <sup>2</sup>	Amer Indian NH	Asian NH <sup>3</sup>	Black/ African-Amer NH <sup>5</sup>	White NH	> 1 Race NH	Hispanic All Races
<b>RAMSEY</b>							
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)

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**Minnesota WIC Information System**

County <sup>1</sup>	Undup Total <sup>2</sup>	Amer Indian NH	Asian NH <sup>3</sup>	Black/ African-Amer NH <sup>5</sup>	White NH	> 1 Race NH	Hispanic All Races
<b>RED LAKE COUNTY</b>							
2019 Total	84	<5	<5	0	68	<5	11
2019 Anemia	3 (3.6)	0	0	0	3 (4.4)	0	0
2018 Total	95	<5	0	0	72	7	15
2018 Anemia	3 (3.2)	0	0	0	3 (4.2)	0	0
2017 Total	103	<5	0	0	81	<5	16
2017 Anemia	6 (5.8)	0	0	0	5 (6.2)	0	1 (****)
2016 Total	121	<5	<5	<5	98	<5	18
2016 Anemia	3 (2.5)	0	0	0	2 (2.0)	0	1 (****)
2015 Total	117	<5	<5	<5	101	<5	13
2015 Anemia	4 (3.4)	0	0	0	4 (4.0)	0	0
2014 Total	107	0	0	0	87	<5	16
2014 Anemia	4 (3.7)	0	0	0	3 (3.4)	0	1 (****)
2013 Total	114	<5	0	0	90	<5	19
2013 Anemia	5 (4.4)	0	0	0	4 (4.4)	0	1 (****)
2012 Total	105	0	0	0	84	<5	17
2012 Anemia	4 (3.8)	0	0	0	3 (3.6)	0	1 (****)
2011 Total	103	<5	0	0	80	7	14
2011 Anemia	4 (3.9)	0	0	0	1 (1.2)	1 (****)	2 (****)



**Multi Year Anemia in Infants and Children in Minnesota WIC by County and Race/Ethnicity**  
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County <sup>1</sup>	Undup Total <sup>2</sup>	Amer Indian NH	Asian NH <sup>3</sup>	Black/ African-Amer NH <sup>5</sup>	White NH	> 1 Race NH	Hispanic All Races
<b>REDWOOD</b>							
2019 Total	286	14	34	7	168	29	34
2019 Anemia	14 (4.9)	0	3 (8.8)	1 (****)	10 (6.0)	0	0
2018 Total	301	15	47	6	168	27	38
2018 Anemia	16 (5.3)	1 (****)	4 (8.5)	0	7 (4.2)	0	4 (10.5)
2017 Total	314	16	44	8	191	28	27
2017 Anemia	11 (3.5)	0	2 (4.5)	2 (****)	6 (3.1)	0	1 (****)
2016 Total	288	11	45	<5	180	29	21
2016 Anemia	15 (5.2)	0	1 (2.2)	1 (****)	11 (6.1)	1 (****)	1 (****)
2015 Total	302	11	48	<5	192	20	27
2015 Anemia	21 (7.0)	0	3 (6.2)	1 (****)	14 (7.3)	1 (****)	2 (****)
2014 Total	331	16	39	5	220	23	28
2014 Anemia	20 (6.0)	2 (****)	1 (2.6)	1 (****)	12 (5.5)	3 (****)	1 (****)
2013 Total	349	17	46	5	233	26	22
2013 Anemia	13 (3.7)	1 (****)	3 (6.5)	1 (****)	4 (1.7)	4 (****)	0
2012 Total	370	20	41	7	251	23	28
2012 Anemia	29 (7.8)	3 (****)	6 (14.6)	2 (****)	12 (4.8)	4 (****)	2 (****)
2011 Total	420	25	34	7	313	14	27
2011 Anemia	32 (7.6)	1 (****)	6 (17.6)	0	19 (6.1)	4 (****)	2 (****)

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

County <sup>1</sup>	Undup Total <sup>2</sup>	Amer Indian NH	Asian NH <sup>3</sup>	Black/ African-Amer NH <sup>5</sup>	White NH	> 1 Race NH	Hispanic All Races
<b>RENVILLE</b>							
2019 Total	324	8	0	<5	192	13	109
2019 Anemia	43 (13.3)	0	0	0	21 (10.9)	0	22 (20.2)
2018 Total	335	10	0	<5	200	12	111
2018 Anemia	40 (11.9)	0	0	0	30 (15.0)	0	10 (9.0)
2017 Total	329	8	0	<5	194	12	113
2017 Anemia	30 (9.1)	0	0	0	15 (7.7)	0	15 (13.3)
2016 Total	352	12	<5	<5	221	12	104
2016 Anemia	37 (10.5)	0	0	1 (****)	24 (10.9)	2 (****)	10 (9.6)
2015 Total	372	9	<5	<5	236	12	115
2015 Anemia	42 (11.3)	0	0	0	24 (10.2)	2 (****)	16 (13.9)
2014 Total	337	11	0	<5	229	12	84
2014 Anemia	40 (11.9)	1 (****)	0	0	28 (12.2)	0	11 (13.1)
2013 Total	386	8	0	<5	265	17	95
2013 Anemia	40 (10.4)	0	0	0	26 (9.8)	1 (****)	13 (13.7)
2012 Total	407	16	<5	<5	263	17	109
2012 Anemia	27 (6.6)	2 (****)	0	0	17 (6.5)	0	8 (7.3)
2011 Total	413	22	<5	<5	250	21	116
2011 Anemia	31 (7.5)	1 (****)	0	0	21 (8.4)	0	9 (7.8)

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County <sup>1</sup>	Undup Total <sup>2</sup>	Amer Indian NH	Asian NH <sup>3</sup>	Black/ African-Amer NH <sup>5</sup>	White NH	> 1 Race NH	Hispanic All Races
<b>RICE</b>							
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)

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County <sup>1</sup>	Undup Total <sup>2</sup>	Amer Indian NH	Asian NH <sup>3</sup>	Black/ African-Amer NH <sup>5</sup>	White NH	> 1 Race NH	Hispanic All Races
<b>ROCK</b>							
2019 Total	133	0	<5	<5	101	6	24
2019 Anemia	18 (13.5)	0	0	0	12 (11.9)	1 (****)	5 (****)
2018 Total	125	0	<5	<5	89	7	24
2018 Anemia	16 (12.8)	0	1 (****)	0	12 (13.5)	0	3 (****)
2017 Total	134	0	<5	<5	94	8	27
2017 Anemia	11 (8.2)	0	0	1 (****)	7 (7.4)	0	3 (****)
2016 Total	158	<5	9	5	113	5	26
2016 Anemia	10 (6.3)	0	0	0	6 (5.3)	0	4 (****)
2015 Total	155	<5	11	5	117	7	15
2015 Anemia	19 (12.3)	0	3 (****)	0	10 (8.5)	3 (****)	3 (****)
2014 Total	165	0	5	<5	133	5	18
2014 Anemia	22 (13.3)	0	1 (****)	1 (****)	16 (12.0)	2 (****)	2 (****)
2013 Total	185	0	6	6	142	6	25
2013 Anemia	17 (9.2)	0	3 (****)	0	13 (9.2)	0	1 (****)
2012 Total	163	0	<5	<5	125	6	26
2012 Anemia	11 (6.7)	0	0	0	8 (6.4)	1 (****)	2 (****)
2011 Total	146	0	5	5	114	<5	18
2011 Anemia	8 (5.5)	0	1 (****)	0	5 (4.4)	0	2 (****)

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County <sup>1</sup>	Undup Total <sup>2</sup>	Amer Indian NH	Asian NH <sup>3</sup>	Black/ African-Amer NH <sup>5</sup>	White NH	> 1 Race NH	Hispanic All Races
<b>ROSEAU</b>							
2019 Total	310	9	15	0	251	23	12
2019 Anemia	15 (4.8)	1 (****)	1 (****)	0	8 (3.2)	2 (****)	3 (****)
2018 Total	340	12	12	0	275	26	15
2018 Anemia	9 (2.6)	0	2 (****)	0	6 (2.2)	0	1 (****)
2017 Total	361	11	14	0	291	32	13
2017 Anemia	17 (4.7)	0	4 (****)	0	10 (3.4)	2 (6.2)	1 (****)
2016 Total	357	10	10	<5	292	28	13
2016 Anemia	18 (5.0)	0	3 (****)	0	11 (3.8)	3 (****)	1 (****)
2015 Total	391	15	13	<5	308	34	18
2015 Anemia	17 (4.3)	1 (****)	3 (****)	0	11 (3.6)	2 (5.9)	0
2014 Total	432	17	14	<5	342	41	14
2014 Anemia	24 (5.6)	1 (****)	4 (****)	1 (****)	17 (5.0)	1 (2.4)	0
2013 Total	430	10	18	<5	339	37	24
2013 Anemia	18 (4.2)	3 (****)	1 (****)	0	13 (3.8)	0	1 (****)
2012 Total	387	17	15	<5	306	28	20
2012 Anemia	18 (4.7)	4 (****)	2 (****)	0	11 (3.6)	0	1 (****)
2011 Total	416	11	14	<5	340	31	17
2011 Anemia	25 (6.0)	3 (****)	4 (****)	0	16 (4.7)	1 (3.2)	1 (****)

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County <sup>1</sup>	Undup Total <sup>2</sup>	Amer Indian NH	Asian NH <sup>3</sup>	Black/ African-Amer NH <sup>5</sup>	White NH	> 1 Race NH	Hispanic All Races
<b>SAINT LOUIS</b>							
2019 Total	2,044	137	5	103	1,332	347	120
2019 Anemia	157 (7.7)	17 (12.4)	1 (****)	22 (21.4)	71 (5.3)	34 (9.8)	12 (10.0)
2018 Total	2,218	151	7	119	1,459	348	134
2018 Anemia	198 (8.9)	25 (16.6)	1 (****)	17 (14.3)	96 (6.6)	43 (12.4)	16 (11.9)
2017 Total	2,380	156	8	123	1,584	378	131
2017 Anemia	161 (6.8)	16 (10.3)	0	21 (17.1)	83 (5.2)	33 (8.7)	8 (6.1)
2016 Total	2,440	156	12	94	1,689	367	122
2016 Anemia	172 (7.0)	13 (8.3)	0	18 (19.1)	106 (6.3)	28 (7.6)	7 (5.7)
2015 Total	2,546	146	11	95	1,781	368	145
2015 Anemia	178 (7.0)	18 (12.3)	2 (****)	17 (17.9)	108 (6.1)	19 (5.2)	14 (9.7)
2014 Total	2,546	152	11	102	1,800	366	115
2014 Anemia	148 (5.8)	20 (13.2)	1 (****)	8 (7.8)	82 (4.6)	30 (8.2)	7 (6.1)
2013 Total	2,690	138	17	104	1,932	366	133
2013 Anemia	171 (6.4)	9 (6.5)	0	15 (14.4)	111 (5.7)	27 (7.4)	9 (6.8)
2012 Total	2,933	162	20	100	2,093	415	143
2012 Anemia	161 (5.5)	8 (4.9)	4 (****)	16 (16.0)	100 (4.8)	23 (5.5)	10 (7.0)
2011 Total	3,248	146	19	118	2,360	456	149
2011 Anemia	222 (6.8)	16 (11.0)	0	22 (18.6)	141 (6.0)	35 (7.7)	8 (5.4)

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County <sup>1</sup>	Undup Total <sup>2</sup>	Amer Indian NH	Asian NH <sup>3</sup>	Black/ African-Amer NH <sup>5</sup>	White NH	> 1 Race NH	Hispanic All Races
<b>SCOTT</b>							
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 Infants and Children in Minnesota WIC by County and Race/Ethnicity**  
**Minnesota WIC Information System**

County <sup>1</sup>	Undup Total <sup>2</sup>	Amer Indian NH	Asian NH <sup>3</sup>	Black/ African-Amer NH <sup>5</sup>	White NH	> 1 Race NH	Hispanic All Races
<b>SHERBURNE</b>							
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)



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County <sup>1</sup>	Undup Total <sup>2</sup>	Amer Indian NH	Asian NH <sup>3</sup>	Black/ African-Amer NH <sup>5</sup>	White NH	> 1 Race NH	Hispanic All Races
<b>SIBLEY</b>							
2019 Total	205	0	<5	5	99	9	91
2019 Anemia	14 (6.8)	0	0	0	7 (7.1)	1 (****)	6 (6.6)
2018 Total	227	<5	<5	7	100	7	110
2018 Anemia	13 (5.7)	0	1 (****)	0	4 (4.0)	0	8 (7.3)
2017 Total	246	<5	0	5	124	8	108
2017 Anemia	14 (5.7)	0	0	2 (****)	5 (4.0)	1 (****)	6 (5.6)
2016 Total	288	<5	<5	<5	146	9	127
2016 Anemia	18 (6.2)	0	0	0	7 (4.8)	2 (****)	9 (7.1)
2015 Total	306	<5	<5	<5	173	7	120
2015 Anemia	18 (5.9)	0	0	0	10 (5.8)	0	8 (6.7)
2014 Total	292	<5	<5	<5	171	5	109
2014 Anemia	25 (8.6)	0	0	0	12 (7.0)	1 (****)	12 (11.0)
2013 Total	304	<5	<5	5	175	5	117
2013 Anemia	22 (7.2)	0	0	0	13 (7.4)	0	9 (7.7)
2012 Total	332	<5	<5	<5	208	5	110
2012 Anemia	21 (6.3)	1 (****)	0	0	11 (5.3)	0	9 (8.2)
2011 Total	376	6	<5	<5	242	7	117
2011 Anemia	37 (9.8)	2 (****)	0	1 (****)	21 (8.7)	0	13 (11.1)

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<b>STEARNS</b>							
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)

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County <sup>1</sup>	Undup Total <sup>2</sup>	Amer Indian NH	Asian NH <sup>3</sup>	Black/ African-Amer NH <sup>5</sup>	White NH	> 1 Race NH	Hispanic All Races
<b>STEELE</b>							
2019 Total	617	<5	<5	130	277	33	172
2019 Anemia	67 (10.9)	0	1 (****)	21 (16.2)	22 (7.9)	6 (18.2)	17 (9.9)
2018 Total	633	<5	8	136	270	41	176
2018 Anemia	21 (3.3)	0	0	9 (6.6)	7 (2.6)	2 (4.9)	3 (1.7)
2017 Total	684	0	11	128	295	49	201
2017 Anemia	27 (3.9)	0	0	8 (6.2)	16 (5.4)	0	3 (1.5)
2016 Total	765	<5	8	118	366	57	216
2016 Anemia	57 (7.5)	0	0	18 (15.3)	27 (7.4)	4 (7.0)	8 (3.7)
2015 Total	766	<5	5	129	372	50	209
2015 Anemia	81 (10.6)	0	0	23 (17.8)	32 (8.6)	2 (4.0)	24 (11.5)
2014 Total	765	0	5	123	374	61	202
2014 Anemia	48 (6.3)	0	0	18 (14.6)	15 (4.0)	4 (6.6)	11 (5.4)
2013 Total	826	0	<5	117	418	75	212
2013 Anemia	42 (5.1)	0	0	10 (8.5)	14 (3.3)	3 (4.0)	15 (7.1)
2012 Total	839	0	<5	117	443	68	207
2012 Anemia	22 (2.6)	0	0	5 (4.3)	10 (2.3)	2 (2.9)	5 (2.4)
2011 Total	927	0	7	115	506	75	224
2011 Anemia	42 (4.5)	0	0	9 (7.8)	20 (4.0)	2 (2.7)	11 (4.9)

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

County <sup>1</sup>	Undup Total <sup>2</sup>	Amer Indian NH	Asian NH <sup>3</sup>	Black/ African-Amer NH <sup>5</sup>	White NH	> 1 Race NH	Hispanic All Races
<b>STEVENS</b>							
2019 Total	159	7	0	<5	95	<5	52
2019 Anemia	27 (17.0)	2 (****)	0	2 (****)	10 (10.5)	1 (****)	12 (23.1)
2018 Total	154	7	<5	<5	82	<5	57
2018 Anemia	29 (18.8)	3 (****)	0	2 (****)	10 (12.2)	0	14 (24.6)
2017 Total	140	<5	<5	<5	81	<5	48
2017 Anemia	10 (7.1)	0	0	0	5 (6.2)	0	5 (10.4)
2016 Total	149	7	<5	<5	88	<5	53
2016 Anemia	15 (10.1)	0	0	0	10 (11.4)	0	5 (9.4)
2015 Total	154	7	<5	<5	96	<5	46
2015 Anemia	13 (8.4)	1 (****)	0	0	8 (8.3)	0	4 (8.7)
2014 Total	181	8	0	<5	131	<5	37
2014 Anemia	12 (6.6)	0	0	0	7 (5.3)	1 (****)	4 (10.8)
2013 Total	165	7	<5	<5	122	<5	29
2013 Anemia	10 (6.1)	0	0	0	6 (4.9)	0	4 (****)
2012 Total	184	<5	<5	<5	144	6	28
2012 Anemia	4 (2.2)	0	0	0	3 (2.1)	0	1 (****)
2011 Total	212	<5	<5	5	170	<5	31
2011 Anemia	9 (4.2)	0	0	0	8 (4.7)	0	1 (3.2)

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County <sup>1</sup>	Undup Total <sup>2</sup>	Amer Indian NH	Asian NH <sup>3</sup>	Black/ African-Amer NH <sup>5</sup>	White NH	> 1 Race NH	Hispanic All Races
<b>SWIFT</b>							
2019 Total	197	<5	17	5	129	8	36
2019 Anemia	29 (14.7)	0	7 (****)	0	16 (12.4)	2 (****)	4 (11.1)
2018 Total	207	<5	18	11	132	6	38
2018 Anemia	20 (9.7)	0	2 (****)	1 (****)	10 (7.6)	1 (****)	6 (15.8)
2017 Total	195	<5	12	14	126	5	35
2017 Anemia	26 (13.3)	0	1 (****)	3 (****)	14 (11.1)	0	8 (22.9)
2016 Total	230	<5	12	13	152	5	47
2016 Anemia	20 (8.7)	0	2 (****)	1 (****)	8 (5.3)	0	9 (19.1)
2015 Total	252	<5	9	12	173	8	49
2015 Anemia	34 (13.5)	0	1 (****)	3 (****)	21 (12.1)	3 (****)	6 (12.2)
2014 Total	239	<5	8	14	169	<5	42
2014 Anemia	20 (8.4)	0	1 (****)	2 (****)	12 (7.1)	1 (****)	4 (9.5)
2013 Total	226	<5	<5	10	163	<5	42
2013 Anemia	19 (8.4)	0	0	1 (****)	13 (8.0)	0	5 (11.9)
2012 Total	264	<5	<5	11	210	<5	36
2012 Anemia	29 (11.0)	0	0	3 (****)	22 (10.5)	0	4 (11.1)
2011 Total	271	<5	<5	9	215	<5	40
2011 Anemia	19 (7.0)	0	0	2 (****)	13 (6.0)	0	4 (10.0)

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County <sup>1</sup>	Undup Total <sup>2</sup>	Amer Indian NH	Asian NH <sup>3</sup>	Black/ African-Amer NH <sup>5</sup>	White NH	> 1 Race NH	Hispanic All Races
<b>TODD</b>							
2019 Total	484	<5	<5	0	321	21	136
2019 Anemia	28 (5.8)	0	0	0	20 (6.2)	1 (****)	7 (5.1)
2018 Total	512	6	<5	0	336	30	137
2018 Anemia	38 (7.4)	0	0	0	25 (7.4)	3 (10.0)	10 (7.3)
2017 Total	521	5	6	0	354	30	126
2017 Anemia	50 (9.6)	1 (****)	2 (****)	0	25 (7.1)	3 (10.0)	19 (15.1)
2016 Total	518	5	6	<5	359	28	120
2016 Anemia	21 (4.1)	1 (****)	0	0	15 (4.2)	0	5 (4.2)
2015 Total	569	<5	7	<5	404	29	123
2015 Anemia	27 (4.7)	0	1 (****)	0	18 (4.5)	3 (****)	5 (4.1)
2014 Total	552	<5	6	<5	392	26	124
2014 Anemia	23 (4.2)	0	0	0	17 (4.3)	4 (****)	2 (1.6)
2013 Total	564	7	<5	<5	392	24	135
2013 Anemia	35 (6.2)	0	0	0	28 (7.1)	3 (****)	4 (3.0)
2012 Total	588	<5	<5	5	401	23	151
2012 Anemia	35 (6.0)	0	0	0	22 (5.5)	1 (****)	12 (7.9)
2011 Total	617	<5	0	<5	429	19	164
2011 Anemia	35 (5.7)	0	0	0	23 (5.4)	3 (****)	9 (5.5)

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<b>TRAVERSE</b>							
2019 Total	56	16	<5	<5	34	0	<5
2019 Anemia	10 (17.9)	2 (****)	0	1 (****)	5 (14.7)	0	2 (****)
2018 Total	62	16	0	<5	35	<5	6
2018 Anemia	2 (3.2)	0	0	0	2 (5.7)	0	0
2017 Total	63	15	0	<5	36	<5	8
2017 Anemia	9 (14.3)	0	0	0	5 (13.9)	1 (****)	3 (****)
2016 Total	55	5	<5	7	35	<5	5
2016 Anemia	4 (7.3)	1 (****)	0	0	2 (5.7)	0	1 (****)
2015 Total	55	8	<5	<5	40	<5	<5
2015 Anemia	7 (12.7)	1 (****)	0	0	2 (5.0)	2 (****)	2 (****)
2014 Total	62	5	<5	0	45	5	6
2014 Anemia	2 (3.2)	1 (****)	0	0	0	0	1 (****)
2013 Total	65	11	0	0	46	<5	<5
2013 Anemia	3 (4.6)	2 (****)	0	0	1 (2.2)	0	0
2012 Total	78	14	0	<5	53	5	<5
2012 Anemia	4 (5.1)	1 (****)	0	0	3 (5.7)	0	0
2011 Total	67	14	<5	<5	39	<5	7
2011 Anemia	4 (6.0)	1 (****)	0	0	3 (7.7)	0	0

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<b>WABASHA</b>							
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	0	<5	<5	160	9	45
2018 Anemia	14 (6.5)	0	0	0	13 (8.1)	0	1 (2.2)
2017 Total	251	0	<5	7	182	12	48
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)



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<b>WADENA</b>							
2019 Total	273	0	0	<5	235	19	17
2019 Anemia	9 (3.3)	0	0	0	9 (3.8)	0	0
2018 Total	255	<5	<5	<5	219	20	10
2018 Anemia	24 (9.4)	0	0	1 (****)	22 (10.0)	1 (****)	0
2017 Total	287	0	<5	7	248	13	17
2017 Anemia	30 (10.5)	0	0	0	25 (10.1)	2 (****)	3 (****)
2016 Total	277	<5	<5	5	234	12	22
2016 Anemia	12 (4.3)	1 (****)	0	0	7 (3.0)	1 (****)	3 (****)
2015 Total	280	<5	<5	5	234	18	19
2015 Anemia	24 (8.6)	0	0	0	20 (8.5)	1 (****)	3 (****)
2014 Total	247	<5	<5	<5	215	12	13
2014 Anemia	25 (10.1)	0	0	0	21 (9.8)	1 (****)	3 (****)
2013 Total	248	<5	<5	<5	209	17	17
2013 Anemia	24 (9.7)	0	0	0	21 (10.0)	0	3 (****)
2012 Total	302	0	<5	0	253	29	18
2012 Anemia	21 (7.0)	0	0	0	16 (6.3)	2 (****)	3 (****)
2011 Total	296	0	<5	<5	255	22	12
2011 Anemia	14 (4.7)	0	1 (****)	0	13 (5.1)	0	0

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<b>WASECA</b>							
2019 Total	297	<5	<5	16	202	19	55
2019 Anemia	40 (13.5)	0	1 (****)	2 (****)	22 (10.9)	6 (****)	9 (16.4)
2018 Total	285	<5	<5	23	193	21	46
2018 Anemia	43 (15.1)	0	0	5 (****)	26 (13.5)	4 (****)	8 (17.4)
2017 Total	311	0	<5	14	210	25	61
2017 Anemia	46 (14.8)	0	0	3 (****)	31 (14.8)	4 (****)	8 (13.1)
2016 Total	340	<5	<5	14	234	32	59
2016 Anemia	45 (13.2)	0	0	6 (****)	27 (11.5)	5 (15.6)	7 (11.9)
2015 Total	333	<5	<5	11	223	25	72
2015 Anemia	47 (14.1)	0	0	3 (****)	29 (13.0)	4 (****)	11 (15.3)
2014 Total	316	0	<5	22	226	17	49
2014 Anemia	26 (8.2)	0	0	3 (****)	18 (8.0)	1 (****)	4 (8.2)
2013 Total	337	0	<5	19	244	22	50
2013 Anemia	20 (5.9)	0	0	2 (****)	10 (4.1)	1 (****)	7 (14.0)
2012 Total	387	0	<5	18	287	22	58
2012 Anemia	34 (8.8)	0	0	4 (****)	18 (6.3)	2 (****)	10 (17.2)
2011 Total	397	0	<5	13	302	14	67
2011 Anemia	35 (8.8)	0	0	2 (****)	21 (7.0)	0	12 (17.9)

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County <sup>1</sup>	Undup Total <sup>2</sup>	Amer Indian NH	Asian NH <sup>3</sup>	Black/ African-Amer NH <sup>5</sup>	White NH	> 1 Race NH	Hispanic All Races
<b>WASHINGTON</b>							
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)

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County <sup>1</sup>	Undup Total <sup>2</sup>	Amer Indian NH	Asian NH <sup>3</sup>	Black/ African-Amer NH <sup>5</sup>	White NH	> 1 Race NH	Hispanic All Races
<b>WATONWAN</b>							
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	4	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 Infants and Children in Minnesota WIC by County and Race/Ethnicity**  
**Minnesota WIC Information System**

County <sup>1</sup>	Undup Total <sup>2</sup>	Amer Indian NH	Asian NH <sup>3</sup>	Black/ African-Amer NH <sup>5</sup>	White NH	> 1 Race NH	Hispanic All Races
<b>WILKIN</b>							
2019 Total	90	6	0	0	65	12	7
2019 Anemia	11 (12.2)	1 (****)	0	0	8 (12.3)	0	2 (****)
2018 Total	100	6	0	<5	73	10	9
2018 Anemia	10 (10.0)	2 (****)	0	0	7 (9.6)	0	1 (****)
2017 Total	103	6	0	<5	69	13	14
2017 Anemia	10 (9.7)	2 (****)	0	0	5 (7.2)	0	3 (****)
2016 Total	86	6	<5	<5	55	8	16
2016 Anemia	14 (16.3)	0	0	1 (****)	11 (20.0)	0	2 (****)
2015 Total	85	9	<5	<5	50	9	17
2015 Anemia	10 (11.8)	1 (****)	0	0	4 (8.0)	3 (****)	2 (****)
2014 Total	107	5	0	0	79	7	16
2014 Anemia	9 (8.4)	2 (****)	0	0	5 (6.3)	0	2 (****)
2013 Total	143	7	0	<5	103	8	23
2013 Anemia	11 (7.7)	0	0	0	8 (7.8)	1 (****)	2 (****)
2012 Total	147	8	0	<5	113	8	15
2012 Anemia	11 (7.5)	1 (****)	0	0	8 (7.1)	1 (****)	1 (****)
2011 Total	171	9	<5	<5	134	7	16
2011 Anemia	25 (14.6)	0	0	2 (****)	19 (14.2)	3 (****)	1 (****)

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

County <sup>1</sup>	Undup Total <sup>2</sup>	Amer Indian NH	Asian NH <sup>3</sup>	Black/ African-Amer NH <sup>5</sup>	White NH	> 1 Race NH	Hispanic All Races
<b>WINONA</b>							
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 Infants and Children in Minnesota WIC by County and Race/Ethnicity**  
**Minnesota WIC Information System**

County <sup>1</sup>	Undup Total <sup>2</sup>	Amer Indian NH	Asian NH <sup>3</sup>	Black/ African-Amer NH <sup>5</sup>	White NH	> 1 Race NH	Hispanic All Races
<b>WRIGHT</b>							
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 Infants and Children in Minnesota WIC by County and Race/Ethnicity**  
**Minnesota WIC Information System**

County <sup>1</sup>	Undup Total <sup>2</sup>	Amer Indian NH	Asian NH <sup>3</sup>	Black/ African-Amer NH <sup>5</sup>	White NH	> 1 Race NH	Hispanic All Races
<b>YELLOW MEDICINE</b>							
2019 Total	162	6	0	6	117	9	24
2019 Anemia	15 (9.3)	0	0	2 (****)	10 (8.5)	1 (****)	2 (****)
2018 Total	196	11	0	<5	144	7	33
2018 Anemia	18 (9.2)	0	0	0	12 (8.3)	3 (****)	3 (9.1)
2017 Total	216	9	0	<5	154	10	42
2017 Anemia	23 (10.6)	2 (****)	0	0	15 (9.7)	1 (****)	5 (11.9)
2016 Total	212	8	<5	<5	148	10	43
2016 Anemia	17 (8.0)	1 (****)	0	0	12 (8.1)	0	4 (9.3)
2015 Total	223	10	<5	<5	159	9	45
2015 Anemia	43 (19.3)	2 (****)	0	0	31 (19.5)	3 (****)	7 (15.6)
2014 Total	233	8	<5	<5	170	9	42
2014 Anemia	37 (15.9)	2 (****)	0	1 (****)	25 (14.7)	0	9 (21.4)
2013 Total	216	<5	0	<5	175	5	31
2013 Anemia	27 (12.5)	0	0	0	20 (11.4)	2 (****)	5 (16.1)
2012 Total	246	9	<5	<5	188	11	33
2012 Anemia	37 (15.0)	1 (****)	1 (****)	1 (****)	26 (13.8)	2 (****)	6 (18.2)
2011 Total	260	9	<5	6	204	9	30
2011 Anemia	28 (10.8)	0	0	0	23 (11.3)	1 (****)	4 (13.3)



## Multi Year Anemia in Infants and Children in Minnesota WIC by County and Race/Ethnicity

### Minnesota WIC Information System

County <sup>1</sup>	Undup Total <sup>2</sup>	Amer Indian NH	Asian NH <sup>3</sup>	Black/ African- Amer NH <sup>5</sup>	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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<sup>1</sup>County where child lived as of January of the subsequent calendar year.

<sup>2</sup>Total of children ages 2 up to 5 years with valid height and weight information

<sup>3</sup> Includes Asian, Asian Pacific Islander and Native Hawaiian participants

<sup>4</sup> Includes both African-Americans and African participants

<sup>5</sup>Low 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.