

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

City ¹	Undup Total ²	Amer Indian NH	Asian NH ³	Black/ African- Amer NH ⁴	White NH	> 1 Race NH	Hispanic All Races
MINNESOTA							
<i>2019 Total</i>	<i>78,017</i>	<i>2,468</i>	<i>8,172</i>	<i>19,850</i>	<i>28,385</i>	<i>5,971</i>	<i>13,171</i>
<i>2019 Anemia⁵</i>	<i>10,560 (13.5)</i>	<i>423 (17.1)</i>	<i>1,416 (17.3)</i>	<i>3,909 (19.7)</i>	<i>2,491 (8.8)</i>	<i>793 (13.3)</i>	<i>1,528 (11.6)</i>
<i>2018 Total</i>	<i>82,325</i>	<i>2,623</i>	<i>8,550</i>	<i>20,999</i>	<i>29,660</i>	<i>6,310</i>	<i>14,183</i>
<i>2018 Anemia</i>	<i>11,859 (14.4)</i>	<i>473 (18.0)</i>	<i>1,536 (18.0)</i>	<i>4,160 (19.8)</i>	<i>3,009 (10.1)</i>	<i>899 (14.2)</i>	<i>1,782 (12.6)</i>
<i>2017 Total</i>	<i>86,859</i>	<i>2,689</i>	<i>8,885</i>	<i>21,301</i>	<i>32,198</i>	<i>6,724</i>	<i>15,062</i>
<i>2017 Anemia</i>	<i>12,404 (14.3)</i>	<i>420 (15.6)</i>	<i>1,532 (17.2)</i>	<i>4,181 (19.6)</i>	<i>3,332 (10.3)</i>	<i>986 (14.7)</i>	<i>1,953 (13.0)</i>
<i>2016 Total</i>	<i>89,602</i>	<i>2,756</i>	<i>9,129</i>	<i>21,175</i>	<i>33,980</i>	<i>6,916</i>	<i>15,646</i>
<i>2016 Anemia</i>	<i>11,923 (13.3)</i>	<i>420 (15.2)</i>	<i>1,532 (16.8)</i>	<i>3,953 (18.7)</i>	<i>3,170 (9.3)</i>	<i>936 (13.5)</i>	<i>1,912 (12.2)</i>
<i>2015 Total</i>	<i>92,597</i>	<i>2,999</i>	<i>9,123</i>	<i>20,786</i>	<i>35,925</i>	<i>7,279</i>	<i>16,485</i>
<i>2015 Anemia</i>	<i>11,897 (12.8)</i>	<i>427 (14.2)</i>	<i>1,381 (15.1)</i>	<i>3,991 (19.2)</i>	<i>3,146 (8.8)</i>	<i>968 (13.3)</i>	<i>1,984 (12.0)</i>
<i>2014 Total</i>	<i>93,975</i>	<i>3,054</i>	<i>8,878</i>	<i>19,986</i>	<i>37,717</i>	<i>7,551</i>	<i>16,789</i>
<i>2014 Anemia</i>	<i>11,119 (11.8)</i>	<i>495 (16.2)</i>	<i>1,244 (14.0)</i>	<i>3,517 (17.6)</i>	<i>3,016 (8.0)</i>	<i>964 (12.8)</i>	<i>1,883 (11.2)</i>
<i>2013 Total</i>	<i>94,864</i>	<i>3,026</i>	<i>8,800</i>	<i>18,986</i>	<i>39,085</i>	<i>7,578</i>	<i>17,389</i>
<i>2013 Anemia</i>	<i>10,510 (11.1)</i>	<i>541 (17.9)</i>	<i>1,207 (13.7)</i>	<i>3,170 (16.7)</i>	<i>2,859 (7.3)</i>	<i>880 (11.6)</i>	<i>1,853 (10.7)</i>
<i>2012 Total</i>	<i>97,492</i>	<i>3,051</i>	<i>8,388</i>	<i>18,321</i>	<i>42,094</i>	<i>7,553</i>	<i>18,085</i>
<i>2012 Anemia</i>	<i>10,652 (10.9)</i>	<i>548 (18.0)</i>	<i>1,193 (14.2)</i>	<i>3,195 (17.4)</i>	<i>2,977 (7.1)</i>	<i>875 (11.6)</i>	<i>1,864 (10.3)</i>
<i>2011 Total</i>	<i>102,680</i>	<i>3,127</i>	<i>8,264</i>	<i>18,514</i>	<i>45,401</i>	<i>7,870</i>	<i>19,504</i>
<i>2011 Anemia</i>	<i>10,935 (10.6)</i>	<i>484 (15.5)</i>	<i>1,240 (15.0)</i>	<i>3,244 (17.5)</i>	<i>3,089 (6.8)</i>	<i>913 (11.6)</i>	<i>1,965 (10.1)</i>

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AITKIN-ITASCA-KOOCHICHING: GRAND RAPIDS							
2019 Total	308	<5	0	<5	244	42	14
2019 Anemia ⁵	19 (6.2)	0	0	2 (****)	11 (4.5)	6 (14.3)	0
2018 Total	306	11	<5	<5	236	42	15
2018 Anemia	31 (10.1)	1 (****)	0	0	21 (8.9)	6 (14.3)	3 (****)
2017 Total	322	12	<5	<5	255	33	322
2017 Anemia	22 (6.8)	0	0	0	18 (7.1)	3 (9.1)	22 (6.8)
2016 Total	341	8	<5	<5	278	39	15
2016 Anemia	22 (6.5)	1 (****)	1 (****)	0	14 (5.0)	5 (12.8)	1 (****)
2015 Total	344	12	<5	<5	284	30	15
2015 Anemia	34 (9.9)	0	0	1 (****)	24 (8.5)	9 (30.0)	0
2014 Total	298	7	<5	<5	253	22	14
2014 Anemia	26 (8.7)	0	0	0	24 (9.5)	0	2 (****)
2013 Total	342	9	0	0	290	24	19
2013 Anemia	38 (11.1)	2 (****)	0	0	29 (10.0)	6 (****)	1 (****)
2012 Total	360	9	0	0	304	32	15
2012 Anemia	20 (5.6)	0	0	0	15 (4.9)	4 (12.5)	1 (****)
2011 Total	398	15	<5	0	331	31	20
2011 Anemia	32 (8.0)	2 (****)	0	0	28 (8.5)	2 (6.5)	0

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City ¹	Undup Total ²	Amer Indian NH	Asian NH ³	Black/ African- Amer NH ⁴	White NH	> 1 Race NH	Hispanic All Races
ANOKA: ANDOVER/ RAMSEY							
2019 Total	421	<5	48	81	231	29	31
2019 Anemia ⁵	43 (10.2)	0	5 (10.4)	12 (14.8)	18 (7.8)	5 (****)	3 (9.7)
2018 Total	385	<5	32	65	211	40	36
2018 Anemia	34 (8.8)	1 (****)	1 (3.1)	9 (13.8)	16 (7.6)	2 (5.0)	5 (13.9)
2017 Total	357	<5	29	54	196	43	357
2017 Anemia	31 (8.7)	1 (****)	3 (****)	5 (9.3)	16 (8.2)	6 (14.0)	31 (8.7)
2016 Total	328	<5	30	45	192	33	27
2016 Anemia	20 (6.1)	0	0	6 (13.3)	12 (6.2)	2 (6.1)	0
2015 Total	386	<5	22	52	250	30	31
2015 Anemia	39 (10.1)	0	2 (****)	10 (19.2)	21 (8.4)	1 (3.3)	5 (16.1)
2014 Total	366	<5	17	45	241	30	30
2014 Anemia	30 (8.2)	2 (****)	2 (****)	7 (15.6)	17 (7.1)	1 (3.3)	1 (3.3)
2013 Total	381	<5	17	50	254	27	32
2013 Anemia	25 (6.6)	0	0	6 (12.0)	15 (5.9)	4 (****)	0
2012 Total	409	<5	10	47	291	24	34
2012 Anemia	37 (9.0)	0	2 (****)	8 (17.0)	24 (8.2)	3 (****)	0
2011 Total	446	0	13	56	315	25	37
2011 Anemia	34 (7.6)	0	1 (****)	9 (16.1)	18 (5.7)	4 (****)	2 (5.4)

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City ¹	Undup Total ²	Amer Indian NH	Asian NH ³	Black/ African- Amer NH ⁴	White NH	> 1 Race NH	Hispanic All Races
ANOKA: ANOKA							
2019 Total	313	<5	22	79	132	48	29
2019 Anemia ⁵	33 (10.5)	0	3 (****)	15 (19.0)	9 (6.8)	4 (8.3)	2 (****)
2018 Total	287	<5	9	82	112	51	29
2018 Anemia	43 (15.0)	1 (****)	0	23 (28.0)	9 (8.0)	8 (15.7)	2 (****)
2017 Total	301	<5	<5	69	143	42	301
2017 Anemia	19 (6.3)	0	0	12 (17.4)	3 (2.1)	2 (4.8)	19 (6.3)
2016 Total	310	<5	6	74	162	40	26
2016 Anemia	32 (10.3)	0	3 (****)	17 (23.0)	9 (5.6)	0	3 (****)
2015 Total	295	<5	11	43	163	43	34
2015 Anemia	31 (10.5)	0	2 (****)	13 (30.2)	11 (6.7)	4 (9.3)	1 (2.9)
2014 Total	321	<5	15	44	185	47	29
2014 Anemia	23 (7.2)	0	1 (****)	3 (6.8)	15 (8.1)	4 (8.5)	0
2013 Total	320	<5	15	35	172	49	48
2013 Anemia	28 (8.8)	0	0	8 (22.9)	12 (7.0)	3 (6.1)	5 (10.4)
2012 Total	354	<5	16	39	191	55	52
2012 Anemia	34 (9.6)	0	1 (****)	5 (12.8)	16 (8.4)	7 (12.7)	5 (9.6)
2011 Total	338	<5	8	32	189	52	53
2011 Anemia	28 (8.3)	1 (****)	1 (****)	7 (21.9)	9 (4.8)	7 (13.5)	3 (5.7)

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ANOKA: BETHEL/EAST BETHEL/ HAM LAKE/ ST. FRANCIS							
2019 Total	227	0	20	7	158	19	23
2019 Anemia ⁵	18 (7.9)	0	1 (****)	4 (****)	9 (5.7)	4 (****)	0
2018 Total	263	0	22	5	199	23	14
2018 Anemia	23 (8.7)	0	1 (****)	1 (****)	18 (9.0)	1 (****)	2 (****)
2017 Total	269	<5	22	9	199	23	269
2017 Anemia	29 (10.8)	1 (****)	1 (****)	2 (****)	21 (10.6)	2 (****)	29 (10.8)
2016 Total	246	<5	16	8	179	30	13
2016 Anemia	26 (10.6)	0	1 (****)	2 (****)	20 (11.2)	1 (3.3)	2 (****)
2015 Total	291	<5	18	8	224	25	16
2015 Anemia	25 (8.6)	0	1 (****)	1 (****)	18 (8.0)	3 (****)	2 (****)
2014 Total	306	0	18	<5	247	22	15
2014 Anemia	21 (6.9)	0	0	2 (****)	17 (6.9)	0	2 (****)
2013 Total	296	<5	18	<5	229	20	24
2013 Anemia	17 (5.7)	0	0	1 (****)	14 (6.1)	0	2 (****)
2012 Total	330	<5	19	<5	262	19	26
2012 Anemia	14 (4.2)	0	0	0	14 (5.3)	0	0
2011 Total	332	<5	19	<5	263	21	23
2011 Anemia	18 (5.4)	0	0	0	16 (6.1)	1 (****)	1 (****)

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ANOKA: BLAINE							
2019 Total	645	5	94	161	233	53	99
2019 Anemia ⁵	72 (11.2)	2 (****)	10 (10.6)	28 (17.4)	21 (9.0)	2 (3.8)	9 (9.1)
2018 Total	683	6	78	179	263	66	91
2018 Anemia	79 (11.6)	1 (****)	7 (9.0)	22 (12.3)	30 (11.4)	10 (15.2)	9 (9.9)
2017 Total	697	<5	79	159	293	61	697
2017 Anemia	89 (12.8)	0	11 (13.9)	21 (13.2)	29 (9.9)	12 (19.7)	89 (12.8)
2016 Total	656	<5	57	126	294	67	110
2016 Anemia	72 (11.0)	0	1 (1.8)	11 (8.7)	41 (13.9)	10 (14.9)	9 (8.2)
2015 Total	715	<5	66	132	347	76	93
2015 Anemia	53 (7.4)	0	6 (9.1)	12 (9.1)	25 (7.2)	3 (3.9)	7 (7.5)
2014 Total	734	<5	69	114	372	74	104
2014 Anemia	57 (7.8)	0	7 (10.1)	11 (9.6)	27 (7.3)	8 (10.8)	4 (3.8)
2013 Total	696	<5	69	116	341	70	98
2013 Anemia	54 (7.8)	0	6 (8.7)	11 (9.5)	28 (8.2)	7 (10.0)	2 (2.0)
2012 Total	709	<5	79	126	339	72	90
2012 Anemia	54 (7.6)	1 (****)	9 (11.4)	12 (9.5)	19 (5.6)	7 (9.7)	6 (6.7)
2011 Total	747	<5	78	122	369	75	101
2011 Anemia	56 (7.5)	0	5 (6.4)	13 (10.7)	22 (6.0)	7 (9.3)	9 (8.9)

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ANOKA: CENTERVILLE/ CIRCLE PINES/LINO LAKES/SPRING LK PK							
2019 Total	265	0	43	65	112	26	19
2019 Anemia ⁵	31 (11.7)	0	5 (11.6)	7 (10.8)	15 (13.4)	4 (****)	0
2018 Total	274	<5	34	58	119	29	32
2018 Anemia	30 (10.9)	0	3 (8.8)	9 (15.5)	15 (12.6)	2 (****)	1 (3.1)
2017 Total	277	<5	33	39	148	14	277
2017 Anemia	23 (8.3)	0	3 (9.1)	2 (5.1)	8 (5.4)	1 (****)	23 (8.3)
2016 Total	264	<5	26	42	143	22	29
2016 Anemia	23 (8.7)	0	2 (****)	9 (21.4)	8 (5.6)	1 (****)	3 (****)
2015 Total	292	<5	22	51	148	32	39
2015 Anemia	29 (9.9)	0	2 (****)	5 (9.8)	13 (8.8)	4 (12.5)	5 (12.8)
2014 Total	294	<5	35	41	154	28	34
2014 Anemia	16 (5.4)	0	3 (8.6)	4 (9.8)	6 (3.9)	1 (****)	2 (5.9)
2013 Total	272	<5	34	33	135	28	40
2013 Anemia	17 (6.2)	1 (****)	2 (5.9)	4 (12.1)	6 (4.4)	2 (****)	2 (5.0)
2012 Total	321	<5	35	35	175	29	45
2012 Anemia	24 (7.5)	0	5 (14.3)	6 (17.1)	6 (3.4)	5 (****)	2 (4.4)
2011 Total	365	0	32	47	203	39	44
2011 Anemia	30 (8.2)	0	2 (6.2)	6 (12.8)	14 (6.9)	6 (15.4)	2 (4.5)

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ANOKA: COLUMBIA HEIGHTS							
2019 Total	442	<5	13	196	78	29	124
2019 Anemia ⁵	47 (10.6)	1 (****)	0	28 (14.3)	5 (6.4)	5 (****)	8 (6.5)
2018 Total	395	<5	16	152	74	33	118
2018 Anemia	41 (10.4)	0	3 (****)	16 (10.5)	8 (10.8)	4 (12.1)	10 (8.5)
2017 Total	429	<5	21	146	90	48	429
2017 Anemia	41 (9.6)	1 (****)	2 (****)	17 (11.6)	8 (8.9)	5 (10.4)	41 (9.6)
2016 Total	472	<5	21	176	105	45	122
2016 Anemia	43 (9.1)	1 (****)	2 (****)	14 (8.0)	12 (11.4)	2 (4.4)	12 (9.8)
2015 Total	496	6	14	203	111	47	115
2015 Anemia	60 (12.1)	2 (****)	3 (****)	24 (11.8)	7 (6.3)	6 (12.8)	18 (15.7)
2014 Total	508	9	12	195	132	47	113
2014 Anemia	45 (8.9)	0	2 (****)	19 (9.7)	12 (9.1)	3 (6.4)	9 (8.0)
2013 Total	505	<5	16	208	110	54	115
2013 Anemia	39 (7.7)	1 (****)	4 (****)	18 (8.7)	2 (1.8)	2 (3.7)	12 (10.4)
2012 Total	545	<5	16	230	113	57	125
2012 Anemia	48 (8.8)	1 (****)	2 (****)	27 (11.7)	8 (7.1)	2 (3.5)	8 (6.4)
2011 Total	578	<5	20	247	123	48	136
2011 Anemia	56 (9.7)	1 (****)	2 (****)	30 (12.1)	5 (4.1)	7 (14.6)	11 (8.1)

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ANOKA: COON RAPIDS							
2019 Total	952	<5	112	285	366	93	93
2019 Anemia ⁵	112 (11.8)	1 (****)	11 (9.8)	51 (17.9)	29 (7.9)	11 (11.8)	9 (9.7)
2018 Total	934	7	75	254	397	104	97
2018 Anemia	110 (11.8)	1 (****)	9 (12.0)	42 (16.5)	33 (8.3)	12 (11.5)	13 (13.4)
2017 Total	945	5	74	238	426	101	945
2017 Anemia	102 (10.8)	1 (****)	5 (6.8)	39 (16.4)	40 (9.4)	10 (9.9)	102 (10.8)
2016 Total	950	6	68	248	425	99	104
2016 Anemia	102 (10.7)	0	8 (11.8)	32 (12.9)	43 (10.1)	10 (10.1)	9 (8.7)
2015 Total	1,049	<5	68	260	494	116	109
2015 Anemia	95 (9.1)	0	12 (17.6)	25 (9.6)	34 (6.9)	15 (12.9)	9 (8.3)
2014 Total	1,025	6	57	231	541	93	97
2014 Anemia	90 (8.8)	0	8 (14.0)	33 (14.3)	32 (5.9)	9 (9.7)	8 (8.2)
2013 Total	955	<5	51	231	488	89	92
2013 Anemia	86 (9.0)	0	8 (15.7)	29 (12.6)	35 (7.2)	8 (9.0)	6 (6.5)
2012 Total	974	5	40	220	514	87	108
2012 Anemia	87 (8.9)	0	11 (27.5)	32 (14.5)	29 (5.6)	7 (8.0)	8 (7.4)
2011 Total	1,034	<5	53	233	564	83	97
2011 Anemia	81 (7.8)	1 (****)	8 (15.1)	37 (15.9)	24 (4.3)	8 (9.6)	3 (3.1)

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ANOKA: FRIDLEY							
2019 Total	557	<5	43	201	136	56	117
2019 Anemia ⁵	81 (14.5)	1 (****)	2 (4.7)	34 (16.9)	20 (14.7)	9 (16.1)	15 (12.8)
2018 Total	666	5	58	267	159	46	131
2018 Anemia	80 (12.0)	0	1 (1.7)	42 (15.7)	15 (9.4)	8 (17.4)	14 (10.7)
2017 Total	626	6	51	242	147	45	626
2017 Anemia	89 (14.2)	1 (****)	1 (2.0)	43 (17.8)	19 (12.9)	3 (6.7)	89 (14.2)
2016 Total	599	6	57	189	161	51	135
2016 Anemia	74 (12.4)	1 (****)	6 (10.5)	30 (15.9)	15 (9.3)	11 (21.6)	11 (8.1)
2015 Total	663	8	44	217	186	56	152
2015 Anemia	79 (11.9)	1 (****)	4 (9.1)	35 (16.1)	17 (9.1)	2 (3.6)	20 (13.2)
2014 Total	700	5	48	228	207	70	142
2014 Anemia	82 (11.7)	0	1 (2.1)	38 (16.7)	17 (8.2)	7 (10.0)	19 (13.4)
2013 Total	654	<5	33	204	191	78	145
2013 Anemia	68 (10.4)	0	2 (6.1)	30 (14.7)	19 (9.9)	6 (7.7)	11 (7.6)
2012 Total	656	<5	40	208	187	58	159
2012 Anemia	69 (10.5)	0	3 (7.5)	28 (13.5)	12 (6.4)	6 (10.3)	20 (12.6)
2011 Total	718	6	24	221	217	69	181
2011 Anemia	67 (9.3)	0	2 (****)	31 (14.0)	14 (6.5)	2 (2.9)	18 (9.9)

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BELTRAMI: BEMIDJI							
2019 Total	701	246	<5	13	342	66	31
2019 Anemia ⁵	36 (5.1)	18 (7.3)	0	1 (****)	15 (4.4)	2 (3.0)	0
2018 Total	654	212	<5	12	347	61	20
2018 Anemia	46 (7.0)	19 (9.0)	0	1 (****)	20 (5.8)	2 (3.3)	4 (****)
2017 Total	705	207	<5	13	382	70	705
2017 Anemia	66 (9.4)	22 (10.6)	2 (****)	2 (****)	33 (8.6)	5 (7.1)	66 (9.4)
2016 Total	781	211	<5	17	441	76	32
2016 Anemia	68 (8.7)	28 (13.3)	0	2 (****)	29 (6.6)	8 (10.5)	1 (3.1)
2015 Total	796	209	<5	15	441	97	32
2015 Anemia	65 (8.2)	18 (8.6)	1 (****)	4 (****)	27 (6.1)	13 (13.4)	2 (6.2)
2014 Total	891	190	<5	14	537	114	33
2014 Anemia	77 (8.6)	27 (14.2)	2 (****)	0	37 (6.9)	9 (7.9)	2 (6.1)
2013 Total	906	203	<5	16	531	118	35
2013 Anemia	97 (10.7)	37 (18.2)	1 (****)	2 (****)	40 (7.5)	12 (10.2)	5 (14.3)
2012 Total	923	202	<5	12	545	131	30
2012 Anemia	91 (9.9)	38 (18.8)	0	3 (****)	36 (6.6)	10 (7.6)	4 (13.3)
2011 Total	1,018	202	<5	8	620	143	41
2011 Anemia	97 (9.5)	33 (16.3)	0	2 (****)	47 (7.6)	12 (8.4)	3 (7.3)

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

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

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

City ¹	Undup Total ²	Amer Indian NH	Asian NH ³	Black/ African- Amer NH ⁴	White NH	> 1 Race NH	Hispanic All Races
BLUE EARTH: MANKATO							
2019 Total	621	<5	<5	180	282	74	81
2019 Anemia ⁵	116 (18.7)	1 (****)	1 (****)	38 (21.1)	53 (18.8)	9 (12.2)	14 (17.3)
2018 Total	625	<5	13	175	307	48	79
2018 Anemia	192 (30.7)	1 (****)	2 (****)	60 (34.3)	93 (30.3)	11 (22.9)	25 (31.6)
2017 Total	613	5	5	172	306	49	613
2017 Anemia	168 (27.4)	2 (****)	1 (****)	61 (35.5)	67 (21.9)	12 (24.5)	168 (27.4)
2016 Total	631	6	11	160	348	43	63
2016 Anemia	140 (22.2)	0	1 (****)	43 (26.9)	70 (20.1)	10 (23.3)	16 (25.4)
2015 Total	675	<5	16	173	402	41	42
2015 Anemia	108 (16.0)	0	3 (****)	40 (23.1)	51 (12.7)	6 (14.6)	8 (19.0)
2014 Total	704	0	11	169	438	37	49
2014 Anemia	92 (13.1)	0	0	33 (19.5)	47 (10.7)	3 (8.1)	9 (18.4)
2013 Total	712	<5	16	145	468	36	46
2013 Anemia	65 (9.1)	0	1 (****)	14 (9.7)	43 (9.2)	4 (11.1)	3 (6.5)
2012 Total	749	<5	15	151	478	58	45
2012 Anemia	80 (10.7)	0	0	23 (15.2)	48 (10.0)	4 (6.9)	5 (11.1)
2011 Total	794	<5	16	139	510	69	57
2011 Anemia	93 (11.7)	0	2 (****)	26 (18.7)	54 (10.6)	6 (8.7)	5 (8.8)

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

City ¹	Undup Total ²	Amer Indian NH	Asian NH ³	Black/ African- Amer NH ⁴	White NH	> 1 Race NH	Hispanic All Races
CARLTON-COOK-LAKE-ST. LOUIS: AURORA/BIWABIK/B UHL/CHISHOLM/ ELY/ EMBARRASS/ EVELETH/GILBERT/HI BBING/MT IRON/VIRGINIA							
2019 Total	457	14	<5	7	340	67	28
2019 Anemia⁵	31 (6.8)	1 (****)	0	2 (****)	15 (4.4)	6 (9.0)	7 (****)
2018 Total	490	15	<5	14	378	53	29
2018 Anemia	30 (6.1)	2 (****)	0	1 (****)	13 (3.4)	7 (13.2)	7 (****)
2017 Total	521	15	<5	18	407	51	521
2017 Anemia	21 (4.0)	1 (****)	0	2 (****)	14 (3.4)	1 (2.0)	21 (4.0)
2016 Total	566	18	<5	8	455	57	26
2016 Anemia	30 (5.3)	4 (****)	0	1 (****)	21 (4.6)	3 (5.3)	1 (****)
2015 Total	619	22	<5	12	488	66	30
2015 Anemia	21 (3.4)	3 (****)	0	0	15 (3.1)	1 (1.5)	2 (6.7)
2014 Total	567	16	<5	8	456	64	22
2014 Anemia	43 (7.6)	2 (****)	0	0	27 (5.9)	11 (17.2)	3 (****)
2013 Total	577	14	0	<5	466	63	30
2013 Anemia	31 (5.4)	0	0	0	21 (4.5)	8 (12.7)	2 (6.7)
2012 Total	686	18	<5	6	557	73	31
2012 Anemia	31 (4.5)	0	0	3 (****)	25 (4.5)	2 (2.7)	1 (3.2)
2011 Total	705	12	<5	8	575	80	28
2011 Anemia	33 (4.7)	2 (****)	0	2 (****)	25 (4.3)	3 (3.8)	1 (****)

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

City ¹	Undup Total ²	Amer Indian NH	Asian NH ³	Black/ African- Amer NH ⁴	White NH	> 1 Race NH	Hispanic All Races
CARLTON-COOK-LAKE-ST. LOUIS: CLOQUET							
2019 Total	351	92	<5	<5	170	72	13
2019 Anemia ⁵	29 (8.3)	12 (13.0)	0	1 (****)	9 (5.3)	6 (8.3)	1 (****)
2018 Total	333	99	<5	0	160	62	11
2018 Anemia	23 (6.9)	6 (6.1)	1 (****)	0	13 (8.1)	2 (3.2)	1 (****)
2017 Total	382	112	<5	<5	185	65	382
2017 Anemia	33 (8.6)	5 (4.5)	0	0	16 (8.6)	10 (15.4)	33 (8.6)
2016 Total	381	106	<5	<5	193	59	19
2016 Anemia	28 (7.3)	9 (8.5)	0	0	14 (7.3)	5 (8.5)	0
2015 Total	399	93	<5	<5	210	76	16
2015 Anemia	29 (7.3)	4 (4.3)	0	0	21 (10.0)	4 (5.3)	0
2014 Total	437	110	<5	<5	220	76	27
2014 Anemia	17 (3.9)	3 (2.7)	0	1 (****)	9 (4.1)	3 (3.9)	1 (****)
2013 Total	460	118	<5	<5	242	78	18
2013 Anemia	32 (7.0)	4 (3.4)	0	0	19 (7.9)	8 (10.3)	1 (****)
2012 Total	491	117	0	<5	265	91	16
2012 Anemia	19 (3.9)	6 (5.1)	0	0	6 (2.3)	7 (7.7)	0
2011 Total	507	128	0	<5	264	91	22
2011 Anemia	19 (3.7)	6 (4.7)	0	1 (****)	4 (1.5)	8 (8.8)	0

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

City ¹	Undup Total ²	Amer Indian NH	Asian NH ³	Black/ African- Amer NH ⁴	White NH	> 1 Race NH	Hispanic All Races
CARLTON-COOK-LAKE-ST. LOUIS: DULUTH							
2019 Total	1,057	71	<5	89	642	185	67
2019 Anemia ⁵	97 (9.2)	9 (12.7)	1 (****)	19 (21.3)	42 (6.5)	23 (12.4)	3 (4.5)
2018 Total	1,130	79	<5	95	661	220	71
2018 Anemia	119 (10.5)	12 (15.2)	1 (****)	14 (14.7)	56 (8.5)	30 (13.6)	6 (8.5)
2017 Total	1,234	82	<5	94	738	243	1,234
2017 Anemia	117 (9.5)	13 (15.9)	0	18 (19.1)	54 (7.3)	27 (11.1)	117 (9.5)
2016 Total	1,238	72	9	78	758	248	73
2016 Anemia	110 (8.9)	5 (6.9)	0	17 (21.8)	63 (8.3)	19 (7.7)	6 (8.2)
2015 Total	1,258	69	7	72	789	229	92
2015 Anemia	110 (8.7)	8 (11.6)	2 (****)	15 (20.8)	59 (7.5)	17 (7.4)	9 (9.8)
2014 Total	1,288	84	8	84	818	224	70
2014 Anemia	72 (5.6)	11 (13.1)	1 (****)	6 (7.1)	35 (4.3)	16 (7.1)	3 (4.3)
2013 Total	1,399	72	10	90	922	221	84
2013 Anemia	107 (7.6)	6 (8.3)	0	13 (14.4)	67 (7.3)	14 (6.3)	7 (8.3)
2012 Total	1,437	81	12	88	912	253	91
2012 Anemia	90 (6.3)	1 (1.2)	2 (****)	13 (14.8)	49 (5.4)	17 (6.7)	8 (8.8)
2011 Total	1,719	78	12	104	1,147	278	100
2011 Anemia	148 (8.6)	5 (6.4)	0	20 (19.2)	93 (8.1)	24 (8.6)	6 (6.0)

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

City ¹	Undup Total ²	Amer Indian NH	Asian NH ³	Black/ African- Amer NH ⁴	White NH	> 1 Race NH	Hispanic All Races
CARLTON-COOK-LAKE-ST. LOUIS: HIBBING							
2019 Total	265	8	<5	7	185	51	13
2019 Anemia ⁵	18 (6.8)	0	0	1 (****)	12 (6.5)	3 (5.9)	2 (****)
2018 Total	289	<5	<5	8	228	37	14
2018 Anemia	18 (6.2)	0	0	1 (****)	13 (5.7)	2 (5.4)	2 (****)
2017 Total	307	<5	<5	8	233	44	307
2017 Anemia	5 (1.6)	0	0	1 (****)	4 (1.7)	0	5 (1.6)
2016 Total	300	5	<5	5	254	25	10
2016 Anemia	12 (4.0)	1 (****)	0	0	8 (3.1)	3 (****)	0
2015 Total	310	<5	<5	7	250	37	11
2015 Anemia	18 (5.8)	0	0	2 (****)	15 (6.0)	1 (2.7)	0
2014 Total	339	<5	<5	9	273	41	14
2014 Anemia	14 (4.1)	0	0	2 (****)	10 (3.7)	2 (4.9)	0
2013 Total	345	<5	5	9	275	42	13
2013 Anemia	12 (3.5)	0	0	1 (****)	7 (2.5)	4 (9.5)	0
2012 Total	371	<5	<5	6	307	43	10
2012 Anemia	19 (5.1)	0	2 (****)	0	14 (4.6)	3 (7.0)	0
2011 Total	354	<5	<5	5	292	48	5
2011 Anemia	17 (4.8)	0	0	0	12 (4.1)	5 (10.4)	0

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

City ¹	Undup Total ²	Amer Indian NH	Asian NH ³	Black/ African- Amer NH ⁴	White NH	> 1 Race NH	Hispanic All Races
CARVER: CARVER/ CHANHASSEN/ CHASKA							
2019 Total	307	<5	22	102	71	17	94
2019 Anemia ⁵	34 (11.1)	0	3 (****)	14 (13.7)	7 (9.9)	3 (****)	7 (7.4)
2018 Total	363	0	18	127	81	26	111
2018 Anemia	41 (11.3)	0	0	17 (13.4)	10 (12.3)	2 (****)	12 (10.8)
2017 Total	403	0	18	111	118	27	403
2017 Anemia	43 (10.7)	0	2 (****)	15 (13.5)	11 (9.3)	0	43 (10.7)
2016 Total	389	<5	20	102	118	25	120
2016 Anemia	40 (10.3)	0	2 (****)	14 (13.7)	12 (10.2)	3 (****)	9 (7.5)
2015 Total	397	<5	18	101	114	28	133
2015 Anemia	37 (9.3)	0	2 (****)	11 (10.9)	7 (6.1)	3 (****)	14 (10.5)
2014 Total	379	0	17	83	127	20	132
2014 Anemia	29 (7.7)	0	2 (****)	6 (7.2)	7 (5.5)	1 (****)	13 (9.8)
2013 Total	379	0	19	77	127	19	137
2013 Anemia	24 (6.3)	0	1 (****)	6 (7.8)	10 (7.9)	3 (****)	4 (2.9)
2012 Total	382	0	25	69	130	19	139
2012 Anemia	23 (6.0)	0	3 (****)	5 (7.2)	4 (3.1)	0	11 (7.9)
2011 Total	426	0	25	73	148	18	162
2011 Anemia	34 (8.0)	0	2 (****)	9 (12.3)	9 (6.1)	2 (****)	12 (7.4)

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

City ¹	Undup Total ²	Amer Indian NH	Asian NH ³	Black/ African- Amer NH ⁴	White NH	> 1 Race NH	Hispanic All Races
CROW WING: BRAINERD							
2019 Total	537	26	<5	<5	421	50	32
2019 Anemia ⁵	52 (9.7)	4 (****)	0	1 (****)	41 (9.7)	1 (2.0)	5 (15.6)
2018 Total	539	25	<5	10	411	57	32
2018 Anemia	69 (12.8)	2 (****)	1 (****)	1 (****)	52 (12.7)	6 (10.5)	7 (21.9)
2017 Total	626	29	5	<5	489	67	626
2017 Anemia	121 (19.3)	5 (****)	0	0	93 (19.0)	16 (23.9)	121 (19.3)
2016 Total	649	26	<5	5	508	76	31
2016 Anemia	118 (18.2)	5 (****)	2 (****)	1 (****)	86 (16.9)	19 (25.0)	5 (16.1)
2015 Total	696	27	<5	6	566	71	26
2015 Anemia	51 (7.3)	1 (****)	0	0	42 (7.4)	6 (8.5)	2 (****)
2014 Total	698	9	0	9	585	70	25
2014 Anemia	47 (6.7)	0	0	1 (****)	37 (6.3)	7 (10.0)	2 (****)
2013 Total	742	15	0	9	629	62	27
2013 Anemia	38 (5.1)	1 (****)	0	3 (****)	31 (4.9)	2 (3.2)	1 (****)
2012 Total	769	14	<5	9	658	58	28
2012 Anemia	32 (4.2)	1 (****)	0	2 (****)	26 (4.0)	3 (5.2)	0
2011 Total	839	9	<5	8	744	52	24
2011 Anemia	32 (3.8)	1 (****)	1 (****)	0	23 (3.1)	5 (9.6)	2 (****)

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

City ¹	Undup Total ²	Amer Indian NH	Asian NH ³	Black/ African- Amer NH ⁴	White NH	> 1 Race NH	Hispanic All Races
DAKOTA: APPLE VALLEY							
2019 Total	577	<5	19	195	143	60	158
2019 Anemia ⁵	47 (8.1)	0	0	22 (11.3)	11 (7.7)	3 (5.0)	11 (7.0)
2018 Total	587	<5	29	196	152	67	142
2018 Anemia	51 (8.7)	0	4 (****)	18 (9.2)	15 (9.9)	3 (4.5)	11 (7.7)
2017 Total	615	<5	27	221	153	73	615
2017 Anemia	59 (9.6)	0	0	27 (12.2)	12 (7.8)	7 (9.6)	59 (9.6)
2016 Total	615	<5	30	214	151	56	161
2016 Anemia	61 (9.9)	0	1 (3.3)	24 (11.2)	11 (7.3)	8 (14.3)	17 (10.6)
2015 Total	617	<5	32	190	174	52	167
2015 Anemia	51 (8.3)	0	4 (12.5)	22 (11.6)	11 (6.3)	3 (5.8)	11 (6.6)
2014 Total	653	<5	36	197	199	53	165
2014 Anemia	43 (6.6)	1 (****)	2 (5.6)	11 (5.6)	11 (5.5)	2 (3.8)	16 (9.7)
2013 Total	697	<5	32	203	222	55	184
2013 Anemia	62 (8.9)	0	1 (3.1)	29 (14.3)	10 (4.5)	10 (18.2)	12 (6.5)
2012 Total	679	<5	31	199	227	54	166
2012 Anemia	61 (9.0)	0	0	16 (8.0)	22 (9.7)	11 (20.4)	12 (7.2)
2011 Total	729	<5	39	192	257	50	188
2011 Anemia	63 (8.6)	0	6 (15.4)	18 (9.4)	20 (7.8)	6 (12.0)	13 (6.9)

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

City ¹	Undup Total ²	Amer Indian NH	Asian NH ³	Black/ African- Amer NH ⁴	White NH	> 1 Race NH	Hispanic All Races
DAKOTA: BURNSVILLE							
2019 Total	1,043	8	53	531	126	75	250
2019 Anemia ⁵	91 (8.7)	3 (****)	2 (3.8)	54 (10.2)	8 (6.3)	5 (6.7)	19 (7.6)
2018 Total	1,197	6	69	583	148	81	310
2018 Anemia	123 (10.3)	1 (****)	5 (7.2)	59 (10.1)	14 (9.5)	5 (6.2)	39 (12.6)
2017 Total	1,209	7	54	614	172	78	1,209
2017 Anemia	107 (8.9)	1 (****)	5 (9.3)	62 (10.1)	17 (9.9)	5 (6.4)	107 (8.9)
2016 Total	1,242	5	65	577	187	95	313
2016 Anemia	105 (8.5)	0	5 (7.7)	50 (8.7)	16 (8.6)	6 (6.3)	28 (8.9)
2015 Total	1,250	6	60	585	214	89	296
2015 Anemia	104 (8.3)	0	7 (11.7)	61 (10.4)	12 (5.6)	7 (7.9)	17 (5.7)
2014 Total	1,267	11	47	556	249	80	324
2014 Anemia	92 (7.3)	0	1 (2.1)	42 (7.6)	15 (6.0)	3 (3.8)	31 (9.6)
2013 Total	1,292	7	51	533	232	96	373
2013 Anemia	92 (7.1)	1 (****)	2 (3.9)	32 (6.0)	15 (6.5)	10 (10.4)	32 (8.6)
2012 Total	1,340	5	56	530	288	94	367
2012 Anemia	117 (8.7)	0	3 (5.4)	55 (10.4)	19 (6.6)	8 (8.5)	32 (8.7)
2011 Total	1,371	6	52	514	306	98	395
2011 Anemia	115 (8.4)	2 (****)	3 (5.8)	47 (9.1)	24 (7.8)	8 (8.2)	31 (7.8)

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

City ¹	Undup Total ²	Amer Indian NH	Asian NH ³	Black/ African- Amer NH ⁴	White NH	> 1 Race NH	Hispanic All Races
DAKOTA: EAGAN							
2019 Total	575	<5	27	297	93	49	108
2019 Anemia ⁵	57 (9.9)	0	0	38 (12.8)	7 (7.5)	4 (8.2)	8 (7.4)
2018 Total	577	5	28	293	97	60	94
2018 Anemia	53 (9.2)	0	2 (****)	34 (11.6)	8 (8.2)	6 (10.0)	3 (3.2)
2017 Total	596	<5	28	290	128	51	596
2017 Anemia	47 (7.9)	1 (****)	3 (****)	23 (7.9)	10 (7.8)	5 (9.8)	47 (7.9)
2016 Total	621	<5	39	275	124	69	110
2016 Anemia	61 (9.8)	0	3 (7.7)	28 (10.2)	8 (6.5)	10 (14.5)	12 (10.9)
2015 Total	652	<5	39	287	157	66	100
2015 Anemia	61 (9.4)	1 (****)	1 (2.6)	34 (11.8)	17 (10.8)	3 (4.5)	5 (5.0)
2014 Total	657	<5	41	264	167	74	109
2014 Anemia	61 (9.3)	0	5 (12.2)	27 (10.2)	16 (9.6)	9 (12.2)	4 (3.7)
2013 Total	663	<5	38	251	184	69	120
2013 Anemia	46 (6.9)	1 (****)	4 (10.5)	16 (6.4)	6 (3.3)	7 (10.1)	12 (10.0)
2012 Total	655	<5	32	251	197	60	112
2012 Anemia	60 (9.2)	1 (****)	5 (15.6)	24 (9.6)	18 (9.1)	5 (8.3)	7 (6.2)
2011 Total	660	<5	37	258	173	51	139
2011 Anemia	51 (7.7)	1 (****)	1 (2.7)	25 (9.7)	8 (4.6)	6 (11.8)	10 (7.2)

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

City ¹	Undup Total ²	Amer Indian NH	Asian NH ³	Black/ African- Amer NH ⁴	White NH	> 1 Race NH	Hispanic All Races
DAKOTA: FARMINGTON							
2019 Total	250	<5	27	36	108	24	54
2019 Anemia ⁵	27 (10.8)	0	2 (****)	3 (8.3)	12 (11.1)	7 (****)	3 (5.6)
2018 Total	267	<5	21	31	116	26	71
2018 Anemia	22 (8.2)	1 (****)	1 (****)	3 (9.7)	9 (7.8)	3 (****)	5 (7.0)
2017 Total	288	<5	27	29	128	33	288
2017 Anemia	19 (6.6)	0	1 (****)	3 (****)	6 (4.7)	4 (12.1)	19 (6.6)
2016 Total	250	<5	23	26	122	27	51
2016 Anemia	21 (8.4)	0	1 (****)	3 (****)	7 (5.7)	4 (****)	6 (11.8)
2015 Total	293	<5	22	41	138	30	61
2015 Anemia	23 (7.8)	0	1 (****)	7 (17.1)	8 (5.8)	4 (13.3)	3 (4.9)
2014 Total	284	<5	18	39	152	30	43
2014 Anemia	17 (6.0)	0	4 (****)	4 (10.3)	8 (5.3)	0	1 (2.3)
2013 Total	284	<5	21	29	156	27	50
2013 Anemia	14 (4.9)	0	2 (****)	2 (****)	7 (4.5)	1 (****)	2 (4.0)
2012 Total	286	<5	20	34	167	18	45
2012 Anemia	24 (8.4)	0	4 (****)	5 (14.7)	10 (6.0)	1 (****)	4 (8.9)
2011 Total	293	<5	26	24	186	16	39
2011 Anemia	21 (7.2)	0	3 (****)	0	13 (7.0)	0	5 (12.8)

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

City ¹	Undup Total ²	Amer Indian NH	Asian NH ³	Black/ African- Amer NH ⁴	White NH	> 1 Race NH	Hispanic All Races
DAKOTA: HASTINGS							
2019 Total	221	<5	<5	21	145	17	33
2019 Anemia ⁵	21 (9.5)	0	0	4 (****)	12 (8.3)	5 (****)	0
2018 Total	211	0	<5	13	149	22	25
2018 Anemia	23 (10.9)	0	1 (****)	3 (****)	16 (10.7)	2 (****)	1 (****)
2017 Total	202	0	0	12	139	26	202
2017 Anemia	20 (9.9)	0	0	1 (****)	14 (10.1)	2 (****)	20 (9.9)
2016 Total	204	<5	5	8	148	23	20
2016 Anemia	19 (9.3)	0	0	2 (****)	11 (7.4)	3 (****)	3 (****)
2015 Total	209	<5	6	9	151	23	20
2015 Anemia	20 (9.6)	0	0	3 (****)	12 (7.9)	3 (****)	2 (****)
2014 Total	240	0	7	11	176	25	21
2014 Anemia	12 (5.0)	0	0	1 (****)	8 (4.5)	2 (****)	1 (****)
2013 Total	252	<5	<5	16	177	29	25
2013 Anemia	15 (6.0)	0	0	1 (****)	10 (5.6)	1 (****)	3 (****)
2012 Total	313	<5	<5	23	225	35	26
2012 Anemia	20 (6.4)	0	0	3 (****)	11 (4.9)	5 (14.3)	1 (****)
2011 Total	326	0	6	22	240	34	24
2011 Anemia	25 (7.7)	0	1 (****)	3 (****)	16 (6.7)	2 (5.9)	3 (****)

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

City ¹	Undup Total ²	Amer Indian NH	Asian NH ³	Black/ African- Amer NH ⁴	White NH	> 1 Race NH	Hispanic All Races
DAKOTA: INVER GROVE HTS/ ROSEMOUNT							
2019 Total	542	<5	25	115	152	64	182
2019 Anemia ⁵	52 (9.6)	0	0	12 (10.4)	15 (9.9)	7 (10.9)	18 (9.9)
2018 Total	601	<5	33	129	160	57	218
2018 Anemia	70 (11.6)	0	5 (15.2)	9 (7.0)	18 (11.2)	8 (14.0)	30 (13.8)
2017 Total	634	5	32	133	190	56	634
2017 Anemia	72 (11.4)	0	1 (3.1)	14 (10.5)	20 (10.5)	17 (30.4)	72 (11.4)
2016 Total	684	<5	37	131	221	73	218
2016 Anemia	79 (11.5)	0	6 (16.2)	15 (11.5)	22 (10.0)	8 (11.0)	28 (12.8)
2015 Total	700	<5	41	131	232	60	232
2015 Anemia	77 (11.0)	0	5 (12.2)	16 (12.2)	27 (11.6)	4 (6.7)	25 (10.8)
2014 Total	669	<5	31	128	234	65	207
2014 Anemia	63 (9.4)	2 (****)	2 (6.5)	20 (15.6)	14 (6.0)	10 (15.4)	15 (7.2)
2013 Total	707	<5	32	138	246	65	224
2013 Anemia	71 (10.0)	0	2 (6.2)	22 (15.9)	22 (8.9)	4 (6.2)	21 (9.4)
2012 Total	773	<5	37	142	293	61	237
2012 Anemia	80 (10.3)	0	3 (8.1)	21 (14.8)	27 (9.2)	11 (18.0)	18 (7.6)
2011 Total	783	<5	35	122	309	59	255
2011 Anemia	59 (7.5)	0	2 (5.7)	16 (13.1)	20 (6.5)	7 (11.9)	14 (5.5)

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

City ¹	Undup Total ²	Amer Indian NH	Asian NH ³	Black/ African- Amer NH ⁴	White NH	> 1 Race NH	Hispanic All Races
DAKOTA: LAKEVILLE							
2019 Total	324	<5	22	83	131	17	69
2019 Anemia ⁵	26 (8.0)	0	3 (****)	8 (9.6)	5 (3.8)	3 (****)	7 (10.1)
2018 Total	325	<5	23	78	128	27	67
2018 Anemia	29 (8.9)	1 (****)	5 (****)	6 (7.7)	8 (6.2)	5 (****)	4 (6.0)
2017 Total	306	<5	21	68	125	25	306
2017 Anemia	23 (7.5)	1 (****)	1 (****)	7 (10.3)	11 (8.8)	2 (****)	23 (7.5)
2016 Total	288	<5	17	43	147	22	58
2016 Anemia	26 (9.0)	0	3 (****)	7 (16.3)	10 (6.8)	5 (****)	1 (1.7)
2015 Total	267	<5	15	38	146	16	50
2015 Anemia	19 (7.1)	0	0	3 (7.9)	9 (6.2)	2 (****)	5 (10.0)
2014 Total	320	0	17	57	178	16	52
2014 Anemia	22 (6.9)	0	3 (****)	7 (12.3)	8 (4.5)	1 (****)	3 (5.8)
2013 Total	326	0	14	55	181	21	55
2013 Anemia	25 (7.7)	0	1 (****)	5 (9.1)	12 (6.6)	3 (****)	4 (7.3)
2012 Total	311	0	16	48	171	20	56
2012 Anemia	20 (6.4)	0	2 (****)	5 (10.4)	9 (5.3)	3 (****)	1 (1.8)
2011 Total	342	<5	18	48	184	31	60
2011 Anemia	32 (9.4)	0	1 (****)	7 (14.6)	15 (8.2)	5 (16.1)	4 (6.7)

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

City ¹	Undup Total ²	Amer Indian NH	Asian NH ³	Black/ African- Amer NH ⁴	White NH	> 1 Race NH	Hispanic All Races
DAKOTA: SOUTH SAINT PAUL							
2019 Total	316	0	19	33	90	40	134
2019 Anemia ⁵	34 (10.8)	0	0	6 (18.2)	7 (7.8)	5 (12.5)	16 (11.9)
2018 Total	350	0	17	41	99	45	148
2018 Anemia	37 (10.6)	0	2 (****)	6 (14.6)	8 (8.1)	5 (11.1)	16 (10.8)
2017 Total	335	0	11	32	105	51	335
2017 Anemia	39 (11.6)	0	0	3 (9.4)	12 (11.4)	4 (7.8)	39 (11.6)
2016 Total	341	<5	8	35	101	45	152
2016 Anemia	31 (9.1)	0	1 (****)	5 (14.3)	5 (5.0)	6 (13.3)	14 (9.2)
2015 Total	385	<5	11	39	105	44	185
2015 Anemia	26 (6.8)	0	2 (****)	3 (7.7)	7 (6.7)	2 (4.5)	12 (6.5)
2014 Total	391	<5	10	28	136	53	162
2014 Anemia	38 (9.7)	0	0	5 (****)	13 (9.6)	5 (9.4)	15 (9.3)
2013 Total	397	<5	10	39	132	35	178
2013 Anemia	32 (8.1)	0	0	3 (7.7)	15 (11.4)	3 (8.6)	11 (6.2)
2012 Total	397	<5	9	45	135	42	163
2012 Anemia	29 (7.3)	0	0	8 (17.8)	11 (8.1)	1 (2.4)	9 (5.5)
2011 Total	451	<5	11	40	161	52	186
2011 Anemia	41 (9.1)	0	1 (****)	8 (20.0)	14 (8.7)	5 (9.6)	13 (7.0)

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

City ¹	Undup Total ²	Amer Indian NH	Asian NH ³	Black/ African- Amer NH ⁴	White NH	> 1 Race NH	Hispanic All Races
DAKOTA: WEST SAINT PAUL							
2019 Total	323	<5	12	71	44	26	169
2019 Anemia ⁵	37 (11.5)	0	2 (****)	8 (11.3)	6 (13.6)	3 (****)	18 (10.7)
2018 Total	351	<5	9	79	60	31	171
2018 Anemia	48 (13.7)	0	3 (****)	11 (13.9)	7 (11.7)	7 (22.6)	20 (11.7)
2017 Total	365	<5	9	80	59	31	365
2017 Anemia	40 (11.0)	0	1 (****)	11 (13.8)	4 (6.8)	3 (9.7)	40 (11.0)
2016 Total	390	<5	13	67	78	37	194
2016 Anemia	44 (11.3)	0	3 (****)	12 (17.9)	2 (2.6)	5 (13.5)	22 (11.3)
2015 Total	416	<5	15	55	84	33	225
2015 Anemia	48 (11.5)	0	1 (****)	13 (23.6)	5 (6.0)	8 (24.2)	21 (9.3)
2014 Total	461	<5	15	62	97	41	242
2014 Anemia	42 (9.1)	1 (****)	1 (****)	10 (16.1)	4 (4.1)	4 (9.8)	22 (9.1)
2013 Total	477	<5	18	63	96	36	260
2013 Anemia	58 (12.2)	1 (****)	3 (****)	16 (25.4)	4 (4.2)	8 (22.2)	26 (10.0)
2012 Total	485	<5	11	57	114	27	273
2012 Anemia	48 (9.9)	2 (****)	0	8 (14.0)	8 (7.0)	2 (****)	28 (10.3)
2011 Total	502	<5	13	62	106	33	284
2011 Anemia	50 (10.0)	0	2 (****)	15 (24.2)	4 (3.8)	2 (6.1)	27 (9.5)

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

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

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

City ¹	Undup Total ²	Amer Indian NH	Asian NH ³	Black/ African- Amer NH ⁴	White NH	> 1 Race NH	Hispanic All Races
FREEBORN: ALBERT LEA							
2019 Total	469	0	72	25	202	27	143
2019 Anemia ⁵	23 (4.9)	0	9 (12.5)	0	6 (3.0)	0	8 (5.6)
2018 Total	459	0	64	20	210	21	144
2018 Anemia	47 (10.2)	0	13 (20.3)	3 (****)	15 (7.1)	4 (****)	12 (8.3)
2017 Total	516	0	60	22	234	19	516
2017 Anemia	53 (10.3)	0	14 (23.3)	4 (****)	14 (6.0)	2 (****)	53 (10.3)
2016 Total	534	<5	61	31	274	19	149
2016 Anemia	56 (10.5)	0	14 (23.0)	8 (25.8)	18 (6.6)	1 (****)	15 (10.1)
2015 Total	608	<5	46	37	298	36	191
2015 Anemia	59 (9.7)	0	8 (17.4)	13 (35.1)	18 (6.0)	5 (13.9)	15 (7.9)
2014 Total	607	0	25	36	297	26	223
2014 Anemia	46 (7.6)	0	5 (****)	10 (27.8)	13 (4.4)	2 (****)	16 (7.2)
2013 Total	577	0	18	34	282	23	220
2013 Anemia	32 (5.5)	0	5 (****)	7 (20.6)	7 (2.5)	4 (****)	9 (4.1)
2012 Total	616	0	18	27	291	26	254
2012 Anemia	18 (2.9)	0	1 (****)	2 (****)	5 (1.7)	1 (****)	9 (3.5)
2011 Total	632	<5	17	22	300	34	258
2011 Anemia	35 (5.5)	0	3 (****)	2 (****)	10 (3.3)	3 (8.8)	17 (6.6)

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

City ¹	Undup Total ²	Amer Indian NH	Asian NH ³	Black/ African- Amer NH ⁴	White NH	> 1 Race NH	Hispanic All Races
GOODHUE: RED WING							
2019 Total	250	5	<5	27	141	39	35
2019 Anemia ⁵	22 (8.8)	1 (****)	2 (****)	7 (****)	9 (6.4)	2 (5.1)	1 (2.9)
2018 Total	263	5	<5	24	142	49	41
2018 Anemia	35 (13.3)	1 (****)	1 (****)	12 (****)	10 (7.0)	6 (12.2)	5 (12.2)
2017 Total	293	6	<5	16	178	51	293
2017 Anemia	27 (9.2)	1 (****)	0	3 (****)	11 (6.2)	8 (15.7)	27 (9.2)
2016 Total	277	6	<5	17	164	42	48
2016 Anemia	23 (8.3)	0	0	1 (****)	9 (5.5)	6 (14.3)	7 (14.6)
2015 Total	282	<5	0	15	183	32	48
2015 Anemia	26 (9.2)	1 (****)	0	4 (****)	14 (7.7)	3 (9.4)	4 (8.3)
2014 Total	294	7	<5	19	172	44	51
2014 Anemia	34 (11.6)	1 (****)	0	5 (****)	17 (9.9)	6 (13.6)	5 (9.8)
2013 Total	315	6	0	16	198	39	56
2013 Anemia	16 (5.1)	0	0	2 (****)	7 (3.5)	3 (7.7)	4 (7.1)
2012 Total	329	6	0	24	196	44	59
2012 Anemia	18 (5.5)	0	0	3 (****)	9 (4.6)	3 (6.8)	3 (5.1)
2011 Total	325	8	0	19	197	31	70
2011 Anemia	31 (9.5)	1 (****)	0	4 (****)	21 (10.7)	2 (6.5)	3 (4.3)

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

City ¹	Undup Total ²	Amer Indian NH	Asian NH ³	Black/ African- Amer NH ⁴	White NH	> 1 Race NH	Hispanic All Races
HENNEPIN: BROOKLYN CENTER							
2019 Total	1,097	<5	324	439	66	70	194
2019 Anemia ⁵	218 (19.9)	0	49 (15.1)	117 (26.7)	8 (12.1)	15 (21.4)	29 (14.9)
2018 Total	1,222	11	393	467	76	75	200
2018 Anemia	251 (20.5)	2 (****)	76 (19.3)	122 (26.1)	5 (6.6)	14 (18.7)	32 (16.0)
2017 Total	1,368	9	435	493	101	98	1,368
2017 Anemia	250 (18.3)	1 (****)	67 (15.4)	121 (24.5)	15 (14.9)	15 (15.3)	250 (18.3)
2016 Total	1,350	18	405	514	100	89	224
2016 Anemia	284 (21.0)	6 (****)	60 (14.8)	136 (26.5)	15 (15.0)	17 (19.1)	50 (22.3)
2015 Total	1,412	7	400	550	103	108	244
2015 Anemia	301 (21.3)	0	62 (15.5)	166 (30.2)	11 (10.7)	16 (14.8)	46 (18.9)
2014 Total	1,399	15	392	516	98	132	246
2014 Anemia	282 (20.2)	2 (****)	64 (16.3)	140 (27.1)	14 (14.3)	26 (19.7)	36 (14.6)
2013 Total	1,401	12	379	533	97	130	250
2013 Anemia	265 (18.9)	2 (****)	53 (14.0)	130 (24.4)	14 (14.4)	20 (15.4)	46 (18.4)
2012 Total	1,381	9	350	538	100	117	267
2012 Anemia	240 (17.4)	2 (****)	40 (11.4)	133 (24.7)	13 (13.0)	16 (13.7)	36 (13.5)
2011 Total	1,545	7	383	598	115	131	311
2011 Anemia	287 (18.6)	1 (****)	56 (14.6)	162 (27.1)	12 (10.4)	18 (13.7)	38 (12.2)

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

City ¹	Undup Total ²	Amer Indian NH	Asian NH ³	Black/ African- Amer NH ⁴	White NH	> 1 Race NH	Hispanic All Races
HENNEPIN: BROOKLYN PARK							
2019 Total	1,827	8	460	949	111	112	187
2019 Anemia ⁵	376 (20.6)	2 (****)	75 (16.3)	243 (25.6)	15 (13.5)	17 (15.2)	24 (12.8)
2018 Total	2,067	<5	515	1,074	112	140	225
2018 Anemia	454 (22.0)	1 (****)	92 (17.9)	269 (25.0)	26 (23.2)	28 (20.0)	38 (16.9)
2017 Total	2,389	5	627	1,195	121	150	2,389
2017 Anemia	492 (20.6)	1 (****)	89 (14.2)	304 (25.4)	14 (11.6)	37 (24.7)	492 (20.6)
2016 Total	2,399	6	627	1,172	144	172	278
2016 Anemia	487 (20.3)	2 (****)	96 (15.3)	293 (25.0)	23 (16.0)	37 (21.5)	36 (12.9)
2015 Total	2,497	6	632	1,195	166	194	304
2015 Anemia	505 (20.2)	2 (****)	84 (13.3)	314 (26.3)	23 (13.9)	40 (20.6)	42 (13.8)
2014 Total	2,530	<5	612	1,214	163	187	350
2014 Anemia	561 (22.2)	0	96 (15.7)	340 (28.0)	21 (12.9)	32 (17.1)	72 (20.6)
2013 Total	2,493	8	573	1,183	198	186	345
2013 Anemia	521 (20.9)	1 (****)	76 (13.3)	313 (26.5)	25 (12.6)	43 (23.1)	63 (18.3)
2012 Total	2,401	11	513	1,156	191	170	360
2012 Anemia	460 (19.2)	0	66 (12.9)	289 (25.0)	28 (14.7)	27 (15.9)	50 (13.9)
2011 Total	2,575	8	581	1,191	215	164	416
2011 Anemia	545 (21.2)	1 (****)	104 (17.9)	323 (27.1)	28 (13.0)	28 (17.1)	61 (14.7)

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

City ¹	Undup Total ²	Amer Indian NH	Asian NH ³	Black/ African- Amer NH ⁴	White NH	> 1 Race NH	Hispanic All Races
HENNEPIN: CHAMPLIN/ MAPLE GROVE/ OSSEO							
2019 Total	516	<5	40	212	147	64	52
2019 Anemia ⁵	81 (15.7)	0	2 (5.0)	46 (21.7)	13 (8.8)	10 (15.6)	10 (19.2)
2018 Total	540	5	41	216	161	68	49
2018 Anemia	96 (17.8)	0	9 (22.0)	50 (23.1)	21 (13.0)	10 (14.7)	6 (12.2)
2017 Total	574	<5	32	215	192	75	574
2017 Anemia	83 (14.5)	0	5 (15.6)	41 (19.1)	19 (9.9)	12 (16.0)	83 (14.5)
2016 Total	554	6	33	183	203	74	55
2016 Anemia	70 (12.6)	0	5 (15.2)	31 (16.9)	20 (9.9)	10 (13.5)	4 (7.3)
2015 Total	553	<5	35	160	194	88	72
2015 Anemia	79 (14.3)	0	3 (8.6)	30 (18.8)	20 (10.3)	15 (17.0)	11 (15.3)
2014 Total	573	<5	35	152	232	87	64
2014 Anemia	114 (19.9)	0	10 (28.6)	40 (26.3)	38 (16.4)	17 (19.5)	9 (14.1)
2013 Total	591	<5	39	146	257	75	72
2013 Anemia	79 (13.4)	0	8 (20.5)	24 (16.4)	21 (8.2)	9 (12.0)	17 (23.6)
2012 Total	598	<5	32	162	258	73	70
2012 Anemia	78 (13.0)	0	5 (15.6)	37 (22.8)	21 (8.1)	7 (9.6)	8 (11.4)
2011 Total	644	5	31	162	274	94	78
2011 Anemia	80 (12.4)	0	3 (9.7)	29 (17.9)	29 (10.6)	14 (14.9)	5 (6.4)

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

City ¹	Undup Total ²	Amer Indian NH	Asian NH ³	Black/ African- Amer NH ⁴	White NH	> 1 Race NH	Hispanic All Races
HENNEPIN: CRYSTAL							
2019 Total	274	0	22	117	50	32	53
2019 Anemia ⁵	61 (22.3)	0	4 (****)	32 (27.4)	8 (16.0)	9 (28.1)	8 (15.1)
2018 Total	328	0	22	133	55	48	70
2018 Anemia	64 (19.5)	0	5 (****)	33 (24.8)	9 (16.4)	5 (10.4)	12 (17.1)
2017 Total	358	<5	17	139	72	56	
2017 Anemia	73 (20.4)	1 (****)	5 (****)	36 (25.9)	14 (19.4)	7 (12.5)	8 (13.8)
2016 Total	339	<5	22	127	82	49	58
2016 Anemia	54 (15.9)	0	3 (****)	33 (26.0)	5 (6.1)	5 (10.2)	8 (13.8)
2015 Total	347	<5	18	121	86	52	70
2015 Anemia	56 (16.1)	0	2 (****)	28 (23.1)	7 (8.1)	10 (19.2)	9 (12.9)
2014 Total	361	0	23	136	81	37	84
2014 Anemia	64 (17.7)	0	6 (****)	32 (23.5)	10 (12.3)	5 (13.5)	11 (13.1)
2013 Total	406	0	28	154	82	47	95
2013 Anemia	58 (14.3)	0	3 (****)	34 (22.1)	2 (2.4)	5 (10.6)	14 (14.7)
2012 Total	346	<5	25	121	80	42	77
2012 Anemia	70 (20.2)	0	7 (****)	35 (28.9)	15 (18.8)	3 (7.1)	10 (13.0)
2011 Total	406	0	27	144	100	50	85
2011 Anemia	72 (17.7)	0	5 (****)	39 (27.1)	9 (9.0)	7 (14.0)	12 (14.1)

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

City ¹	Undup Total ²	Amer Indian NH	Asian NH ³	Black/ African- Amer NH ⁴	White NH	> 1 Race NH	Hispanic All Races
HENNEPIN: EDEN PRAIRIE							
2019 Total	305	<5	17	194	37	23	33
2019 Anemia ⁵	54 (17.7)	1 (****)	0	41 (21.1)	6 (16.2)	2 (****)	4 (12.1)
2018 Total	337	0	21	193	58	28	37
2018 Anemia	59 (17.5)	0	2 (****)	38 (19.7)	11 (19.0)	4 (****)	4 (10.8)
2017 Total	365	0	20	234	53	21	365
2017 Anemia	46 (12.6)	0	2 (****)	34 (14.5)	4 (7.5)	1 (****)	46 (12.6)
2016 Total	387	<5	18	251	49	19	49
2016 Anemia	68 (17.6)	0	4 (****)	42 (16.7)	10 (20.4)	3 (****)	9 (18.4)
2015 Total	417	<5	22	259	45	20	70
2015 Anemia	56 (13.4)	0	6 (****)	27 (10.4)	9 (20.0)	5 (****)	9 (12.9)
2014 Total	424	0	13	263	59	28	61
2014 Anemia	47 (11.1)	0	2 (****)	34 (12.9)	4 (6.8)	2 (****)	5 (8.2)
2013 Total	433	0	14	280	64	23	52
2013 Anemia	43 (9.9)	0	4 (****)	27 (9.6)	7 (10.9)	2 (****)	3 (5.8)
2012 Total	424	0	19	284	41	24	56
2012 Anemia	59 (13.9)	0	1 (****)	45 (15.8)	2 (4.9)	3 (****)	8 (14.3)
2011 Total	453	0	16	288	66	24	59
2011 Anemia	54 (11.9)	0	1 (****)	37 (12.8)	8 (12.1)	2 (****)	6 (10.2)

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

City ¹	Undup Total ²	Amer Indian NH	Asian NH ³	Black/ African- Amer NH ⁴	White NH	> 1 Race NH	Hispanic All Races
HENNEPIN: EXCELSIOR/MAPLE PLAIN/ MINNETONKA/ MOUND							
2019 Total	157	<5	8	56	62	10	20
2019 Anemia ⁵	23 (14.6)	0	1 (****)	9 (16.1)	10 (16.1)	1 (****)	2 (****)
2018 Total	228	<5	12	85	74	26	30
2018 Anemia	29 (12.7)	0	0	16 (18.8)	6 (8.1)	3 (****)	4 (13.3)
2017 Total	253	5	7	82	96	29	253
2017 Anemia	32 (12.6)	0	2 (****)	13 (15.9)	12 (12.5)	3 (****)	32 (12.6)
2016 Total	251	<5	10	72	93	28	46
2016 Anemia	32 (12.7)	1 (****)	1 (****)	11 (15.3)	10 (10.8)	2 (****)	7 (15.2)
2015 Total	255	<5	7	81	103	26	38
2015 Anemia	23 (9.0)	0	0	15 (18.5)	5 (4.9)	1 (****)	2 (5.3)
2014 Total	256	0	<5	97	90	34	33
2014 Anemia	38 (14.8)	0	1 (****)	16 (16.5)	12 (13.3)	4 (11.8)	5 (15.2)
2013 Total	293	0	<5	101	118	36	35
2013 Anemia	33 (11.3)	0	0	8 (7.9)	14 (11.9)	6 (16.7)	5 (14.3)
2012 Total	283	0	<5	97	113	30	40
2012 Anemia	35 (12.4)	0	0	14 (14.4)	10 (8.8)	6 (20.0)	5 (12.5)
2011 Total	310	0	5	94	126	36	49
2011 Anemia	35 (11.3)	0	0	15 (16.0)	9 (7.1)	4 (11.1)	7 (14.3)

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

City ¹	Undup Total ²	Amer Indian NH	Asian NH ³	Black/ African- Amer NH ⁴	White NH	> 1 Race NH	Hispanic All Races
HENNEPIN: GOLDEN VALLEY/ ROBBINSDALE							
2019 Total	247	<5	11	98	59	43	34
2019 Anemia ⁵	39 (15.8)	0	1 (****)	18 (18.4)	7 (11.9)	8 (18.6)	5 (14.7)
2018 Total	280	<5	20	126	53	43	37
2018 Anemia	55 (19.6)	0	1 (****)	34 (27.0)	7 (13.2)	9 (20.9)	4 (10.8)
2017 Total	281	<5	18	119	54	47	281
2017 Anemia	52 (18.5)	0	1 (****)	36 (30.3)	7 (13.0)	5 (10.6)	52 (18.5)
2016 Total	300	<5	16	132	59	53	39
2016 Anemia	42 (14.0)	0	1 (****)	24 (18.2)	6 (10.2)	6 (11.3)	5 (12.8)
2015 Total	328	<5	22	131	70	55	48
2015 Anemia	53 (16.2)	0	1 (****)	31 (23.7)	8 (11.4)	8 (14.5)	5 (10.4)
2014 Total	323	<5	15	142	69	56	40
2014 Anemia	57 (17.6)	1 (****)	1 (****)	28 (19.7)	9 (13.0)	12 (21.4)	6 (15.0)
2013 Total	305	0	12	131	75	47	40
2013 Anemia	54 (17.7)	0	0	28 (21.4)	11 (14.7)	9 (19.1)	6 (15.0)
2012 Total	342	0	11	151	81	52	47
2012 Anemia	55 (16.1)	0	0	39 (25.8)	6 (7.4)	6 (11.5)	4 (8.5)
2011 Total	364	0	9	164	82	56	53
2011 Anemia	57 (15.7)	0	1 (****)	37 (22.6)	5 (6.1)	8 (14.3)	6 (11.3)

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

City ¹	Undup Total ²	Amer Indian NH	Asian NH ³	Black/ African- Amer NH ⁴	White NH	> 1 Race NH	Hispanic All Races
HENNEPIN: HOPKINS							
2019 Total	394	<5	8	271	39	22	53
2019 Anemia ⁵	64 (16.2)	0	1 (****)	49 (18.1)	4 (10.3)	3 (****)	7 (13.2)
2018 Total	280	<5	20	126	53	43	37
2018 Anemia	55 (19.6)	0	1 (****)	34 (27.0)	7 (13.2)	9 (20.9)	4 (10.8)
2017 Total	490	<5	13	321	60	23	490
2017 Anemia	80 (16.3)	0	2 (****)	59 (18.4)	8 (13.3)	1 (****)	80 (16.3)
2016 Total	474	<5	6	310	56	32	68
2016 Anemia	85 (17.9)	0	1 (****)	62 (20.0)	6 (10.7)	7 (21.9)	9 (13.2)
2015 Total	489	8	7	290	59	36	89
2015 Anemia	58 (11.9)	0	1 (****)	40 (13.8)	5 (8.5)	5 (13.9)	7 (7.9)
2014 Total	452	5	14	246	61	37	89
2014 Anemia	51 (11.3)	0	0	32 (13.0)	5 (8.2)	5 (13.5)	9 (10.1)
2013 Total	454	<5	13	231	67	39	102
2013 Anemia	58 (12.8)	0	0	35 (15.2)	4 (6.0)	5 (12.8)	14 (13.7)
2012 Total	471	<5	14	226	66	50	113
2012 Anemia	55 (11.7)	0	2 (****)	33 (14.6)	5 (7.6)	7 (14.0)	8 (7.1)
2011 Total	503	<5	16	230	75	44	137
2011 Anemia	54 (10.7)	0	1 (****)	26 (11.3)	8 (10.7)	7 (15.9)	12 (8.8)

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

City ¹	Undup Total ²	Amer Indian NH	Asian NH ³	Black/ African- Amer NH ⁴	White NH	> 1 Race NH	Hispanic All Races
HENNEPIN: NEW HOPE							
2019 Total	305	<5	7	183	34	32	47
2019 Anemia ⁵	63 (20.7)	1 (****)	1 (****)	47 (25.7)	5 (14.7)	5 (15.6)	4 (8.5)
2018 Total	338	<5	10	203	46	29	48
2018 Anemia	57 (16.9)	0	2 (****)	43 (21.2)	4 (8.7)	4 (****)	4 (8.3)
2017 Total	413	<5	15	235	52	37	413
2017 Anemia	80 (19.4)	0	4 (****)	48 (20.4)	7 (13.5)	9 (24.3)	80 (19.4)
2016 Total	425	<5	17	244	51	39	72
2016 Anemia	77 (18.1)	1 (****)	3 (****)	48 (19.7)	6 (11.8)	7 (17.9)	12 (16.7)
2015 Total	440	<5	19	240	49	45	85
2015 Anemia	109 (24.8)	1 (****)	2 (****)	62 (25.8)	8 (16.3)	13 (28.9)	23 (27.1)
2014 Total	394	0	28	191	42	42	91
2014 Anemia	90 (22.8)	0	7 (****)	47 (24.6)	5 (11.9)	10 (23.8)	21 (23.1)
2013 Total	411	0	35	186	49	40	101
2013 Anemia	83 (20.2)	0	6 (17.1)	48 (25.8)	6 (12.2)	6 (15.0)	17 (16.8)
2012 Total	402	0	23	180	54	39	106
2012 Anemia	64 (15.9)	0	1 (****)	49 (27.2)	5 (9.3)	4 (10.3)	5 (4.7)
2011 Total	465	<5	22	204	64	41	132
2011 Anemia	90 (19.4)	0	4 (****)	57 (27.9)	7 (10.9)	8 (19.5)	14 (10.6)

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

City ¹	Undup Total ²	Amer Indian NH	Asian NH ³	Black/ African- Amer NH ⁴	White NH	> 1 Race NH	Hispanic All Races
HENNEPIN: PLYMOUTH							
2019 Total	330	<5	15	167	75	36	36
2019 Anemia ⁵	43 (13.0)	0	3 (****)	22 (13.2)	7 (9.3)	5 (13.9)	6 (16.7)
2018 Total	368	<5	15	194	84	36	38
2018 Anemia	58 (15.8)	0	2 (****)	38 (19.6)	7 (8.3)	6 (16.7)	5 (13.2)
2017 Total	367	<5	19	179	92	36	367
2017 Anemia	60 (16.3)	0	1 (****)	31 (17.3)	14 (15.2)	9 (25.0)	60 (16.3)
2016 Total	388	<5	17	188	87	45	51
2016 Anemia	60 (15.5)	0	2 (****)	36 (19.1)	9 (10.3)	5 (11.1)	8 (15.7)
2015 Total	423	<5	18	203	92	51	58
2015 Anemia	83 (19.6)	0	3 (****)	48 (23.6)	12 (13.0)	12 (23.5)	8 (13.8)
2014 Total	471	6	19	198	120	59	69
2014 Anemia	65 (13.8)	0	6 (****)	33 (16.7)	12 (10.0)	5 (8.5)	9 (13.0)
2013 Total	428	<5	18	176	112	47	72
2013 Anemia	78 (18.2)	2 (****)	5 (****)	45 (25.6)	11 (9.8)	7 (14.9)	8 (11.1)
2012 Total	444	<5	18	176	126	52	69
2012 Anemia	62 (14.0)	0	0	33 (18.8)	15 (11.9)	7 (13.5)	7 (10.1)
2011 Total	462	0	23	175	123	59	82
2011 Anemia	77 (16.7)	0	3 (****)	38 (21.7)	14 (11.4)	9 (15.3)	13 (15.9)

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

City ¹	Undup Total ²	Amer Indian NH	Asian NH ³	Black/ African- Amer NH ⁴	White NH	> 1 Race NH	Hispanic All Races
HENNEPIN: ST LOUIS PARK							
2019 Total	354	<5	14	154	103	33	49
2019 Anemia ⁵	67 (18.9)	0	2 (****)	34 (22.1)	18 (17.5)	3 (9.1)	10 (20.4)
2018 Total	383	7	14	166	109	32	55
2018 Anemia	62 (16.2)	0	4 (****)	28 (16.9)	15 (13.8)	7 (21.9)	8 (14.5)
2017 Total	448	9	13	200	119	37	448
2017 Anemia	61 (13.6)	2 (****)	4 (****)	29 (14.5)	9 (7.6)	7 (18.9)	61 (13.6)
2016 Total	450	6	7	212	101	48	76
2016 Anemia	72 (16.0)	0	1 (****)	43 (20.3)	10 (9.9)	5 (10.4)	13 (17.1)
2015 Total	460	7	9	188	124	38	94
2015 Anemia	59 (12.8)	1 (****)	2 (****)	29 (15.4)	10 (8.1)	1 (2.6)	16 (17.0)
2014 Total	472	6	9	207	110	53	87
2014 Anemia	84 (17.8)	1 (****)	1 (****)	32 (15.5)	17 (15.5)	10 (18.9)	23 (26.4)
2013 Total	448	5	12	190	97	56	88
2013 Anemia	58 (12.9)	0	1 (****)	29 (15.3)	7 (7.2)	8 (14.3)	13 (14.8)
2012 Total	421	6	10	181	86	51	87
2012 Anemia	51 (12.1)	0	1 (****)	25 (13.8)	8 (9.3)	5 (9.8)	12 (13.8)
2011 Total	423	<5	11	184	101	47	77
2011 Anemia	58 (13.7)	0	2 (****)	31 (16.8)	9 (8.9)	6 (12.8)	10 (13.0)

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

City ¹	Undup Total ²	Amer Indian NH	Asian NH ³	Black/ African- Amer NH ⁴	White NH	> 1 Race NH	Hispanic All Races
HORIZON: ALEXANDRIA							
2019 Total	316	0	5	6	267	16	22
2019 Anemia ⁵	56 (17.7)	0	1 (****)	2 (****)	45 (16.9)	5 (****)	3 (****)
2018 Total	358	0	<5	6	305	17	28
2018 Anemia	59 (16.5)	0	0	1 (****)	48 (15.7)	4 (****)	6 (****)
2017 Total	400	<5	<5	10	335	18	400
2017 Anemia	50 (12.5)	0	0	3 (****)	40 (11.9)	2 (****)	50 (12.5)
2016 Total	377	<5	<5	6	327	15	26
2016 Anemia	58 (15.4)	0	0	4 (****)	50 (15.3)	2 (****)	2 (****)
2015 Total	401	<5	<5	10	327	21	40
2015 Anemia	45 (11.2)	0	0	2 (****)	35 (10.7)	1 (****)	7 (17.5)
2014 Total	451	<5	<5	8	363	33	44
2014 Anemia	66 (14.6)	0	0	2 (****)	52 (14.3)	3 (9.1)	9 (20.5)
2013 Total	428	<5	<5	5	352	30	38
2013 Anemia	43 (10.0)	0	0	1 (****)	34 (9.7)	5 (16.7)	3 (7.9)
2012 Total	443	<5	5	5	366	28	38
2012 Anemia	44 (9.9)	0	0	1 (****)	40 (10.9)	2 (****)	1 (2.6)
2011 Total	474	0	5	6	415	13	35
2011 Anemia	23 (4.9)	0	0	2 (****)	18 (4.3)	2 (****)	1 (2.9)

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

City ¹	Undup Total ²	Amer Indian NH	Asian NH ³	Black/ African- Amer NH ⁴	White NH	> 1 Race NH	Hispanic All Races
ISANTI: CAMBRIDGE							
2019 Total	256	<5	<5	6	209	22	16
2019 Anemia ⁵	13 (5.1)	0	1 (****)	0	10 (4.8)	1 (****)	1 (****)
2018 Total	244	0	<5	6	187	28	22
2018 Anemia	11 (4.5)	0	0	0	9 (4.8)	1 (****)	1 (****)
2017 Total	276	<5	<5	8	213	30	276
2017 Anemia	16 (5.8)	1 (****)	1 (****)	0	11 (5.2)	1 (3.3)	16 (5.8)
2016 Total	310	<5	<5	<5	260	22	19
2016 Anemia	14 (4.5)	0	0	2 (****)	10 (3.8)	2 (****)	0
2015 Total	310	<5	<5	<5	269	26	10
2015 Anemia	18 (5.8)	0	0	0	16 (5.9)	2 (****)	0
2014 Total	276	<5	0	<5	240	16	15
2014 Anemia	12 (4.3)	1 (****)	0	0	10 (4.2)	1 (****)	0
2013 Total	287	<5	<5	<5	250	20	11
2013 Anemia	7 (2.4)	0	0	1 (****)	5 (2.0)	1 (****)	0
2012 Total	327	<5	<5	<5	282	24	13
2012 Anemia	17 (5.2)	0	0	0	14 (5.0)	2 (****)	1 (****)
2011 Total	319	<5	5	<5	273	21	18
2011 Anemia	16 (5.0)	0	1 (****)	0	14 (5.1)	1 (****)	0

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

City ¹	Undup Total ²	Amer Indian NH	Asian NH ³	Black/ African- Amer NH ⁴	White NH	> 1 Race NH	Hispanic All Races
KANDIYOHI-RENVILLE: WILLMAR							
2019 Total	952	<5	27	377	156	30	360
2019 Anemia ⁵	131 (13.8)	1 (****)	3 (****)	59 (15.6)	18 (11.5)	4 (13.3)	46 (12.8)
2018 Total	960	<5	37	377	178	18	348
2018 Anemia	113 (11.8)	0	11 (29.7)	54 (14.3)	10 (5.6)	1 (****)	37 (10.6)
2017 Total	971	<5	19	375	205	18	971
2017 Anemia	121 (12.5)	0	1 (****)	59 (15.7)	18 (8.8)	2 (****)	121 (12.5)
2016 Total	966	<5	18	356	224	13	351
2016 Anemia	102 (10.6)	0	4 (****)	53 (14.9)	13 (5.8)	2 (****)	30 (8.5)
2015 Total	917	<5	13	329	192	17	363
2015 Anemia	108 (11.8)	1 (****)	0	49 (14.9)	17 (8.9)	4 (****)	37 (10.2)
2014 Total	871	<5	10	278	205	9	365
2014 Anemia	93 (10.7)	2 (****)	1 (****)	45 (16.2)	20 (9.8)	0	25 (6.8)
2013 Total	845	<5	10	222	219	8	384
2013 Anemia	99 (11.7)	0	2 (****)	34 (15.3)	23 (10.5)	0	40 (10.4)
2012 Total	852	<5	8	166	252	12	413
2012 Anemia	103 (12.1)	0	2 (****)	29 (17.5)	20 (7.9)	0	52 (12.6)
2011 Total	854	<5	8	133	283	23	404
2011 Anemia	90 (10.5)	0	3 (****)	22 (16.5)	17 (6.0)	1 (****)	47 (11.6)

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

City ¹	Undup Total ²	Amer Indian NH	Asian NH ³	Black/ African- Amer NH ⁴	White NH	> 1 Race NH	Hispanic All Races
MEEKER-MCLEOD-SIBLEY: HUTCHINSON							
2019 Total	264	0	<5	10	169	15	67
2019 Anemia ⁵	26 (9.8)	0	0	3 (****)	15 (8.9)	2 (****)	6 (9.0)
2018 Total	264	<5	<5	7	168	20	66
2018 Anemia	33 (12.5)	1 (****)	0	1 (****)	20 (11.9)	1 (****)	10 (15.2)
2017 Total	295	0	<5	8	204	25	295
2017 Anemia	42 (14.2)	0	0	0	27 (13.2)	5 (****)	42 (14.2)
2016 Total	273	<5	7	<5	192	22	49
2016 Anemia	25 (9.2)	0	0	0	14 (7.3)	4 (****)	7 (14.3)
2015 Total	288	<5	<5	6	212	17	51
2015 Anemia	24 (8.3)	0	0	0	18 (8.5)	1 (****)	5 (9.8)
2014 Total	325	<5	<5	8	234	21	56
2014 Anemia	22 (6.8)	0	0	0	18 (7.7)	0	4 (7.1)
2013 Total	309	<5	<5	8	228	19	49
2013 Anemia	29 (9.4)	2 (****)	0	1 (****)	21 (9.2)	0	5 (10.2)
2012 Total	314	<5	<5	7	238	19	46
2012 Anemia	19 (6.1)	0	0	0	16 (6.7)	1 (****)	2 (4.3)
2011 Total	362	<5	<5	<5	279	16	59
2011 Anemia	22 (6.1)	0	0	1 (****)	18 (6.5)	1 (****)	2 (3.4)

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

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

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

City ¹	Undup Total ²	Amer Indian NH	Asian NH ³	Black/ African- Amer NH ⁴	White NH	> 1 Race NH	Hispanic All Races
MORRISON-TODD- WADENA: LITTLE FALLS							
2019 Total	274	<5	0	15	219	28	11
2019 Anemia ⁵	35 (12.8)	0	0	8 (****)	20 (9.1)	5 (****)	2 (****)
2018 Total	303	<5	0	15	248	23	15
2018 Anemia	36 (11.9)	2 (****)	0	4 (****)	23 (9.3)	5 (****)	2 (****)
2017 Total	338	<5	0	9	274	32	338
2017 Anemia	24 (7.1)	0	0	0	22 (8.0)	1 (3.1)	24 (7.1)
2016 Total	353	<5	<5	14	285	32	17
2016 Anemia	26 (7.4)	0	0	1 (****)	24 (8.4)	0	1 (****)
2015 Total	352	<5	<5	14	288	32	15
2015 Anemia	32 (9.1)	0	0	5 (****)	20 (6.9)	7 (21.9)	0
2014 Total	332	<5	<5	7	282	24	17
2014 Anemia	23 (6.9)	0	0	2 (****)	17 (6.0)	4 (****)	0
2013 Total	325	<5	<5	6	281	18	17
2013 Anemia	26 (8.0)	0	0	1 (****)	21 (7.5)	3 (****)	1 (****)
2012 Total	350	<5	<5	6	296	22	24
2012 Anemia	24 (6.9)	1 (****)	0	1 (****)	18 (6.1)	3 (****)	1 (****)
2011 Total	365	0	0	<5	330	13	19
2011 Anemia	27 (7.4)	0	0	0	21 (6.4)	3 (****)	3 (****)

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

City ¹	Undup Total ²	Amer Indian NH	Asian NH ³	Black/ African- Amer NH ⁴	White NH	> 1 Race NH	Hispanic All Races
MOWER: AUSTIN							
2019 Total	838	0	177	127	226	39	269
2019 Anemia ⁵	97 (11.6)	0	30 (16.9)	17 (13.4)	18 (8.0)	2 (5.1)	30 (11.2)
2018 Total	803	0	142	131	212	30	288
2018 Anemia	85 (10.6)	0	32 (22.5)	20 (15.3)	7 (3.3)	2 (6.7)	24 (8.3)
2017 Total	815	0	149	110	236	40	815
2017 Anemia	75 (9.2)	0	23 (15.4)	21 (19.1)	10 (4.2)	3 (7.5)	75 (9.2)
2016 Total	800	<5	118	110	238	44	290
2016 Anemia	83 (10.4)	0	23 (19.5)	18 (16.4)	14 (5.9)	4 (9.1)	24 (8.3)
2015 Total	795	<5	90	101	275	34	295
2015 Anemia	91 (11.4)	0	20 (22.2)	15 (14.9)	25 (9.1)	2 (5.9)	29 (9.8)
2014 Total	834	0	85	106	288	49	306
2014 Anemia	96 (11.5)	0	18 (21.2)	24 (22.6)	23 (8.0)	6 (12.2)	25 (8.2)
2013 Total	942	0	80	104	328	57	373
2013 Anemia	81 (8.6)	0	13 (16.2)	17 (16.3)	15 (4.6)	6 (10.5)	30 (8.0)
2012 Total	983	0	63	100	360	55	405
2012 Anemia	98 (10.0)	0	13 (20.6)	15 (15.0)	26 (7.2)	6 (10.9)	38 (9.4)
2011 Total	973	0	35	102	356	52	428
2011 Anemia	95 (9.8)	0	11 (31.4)	13 (12.7)	22 (6.2)	3 (5.8)	46 (10.7)

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

City ¹	Undup Total ²	Amer Indian NH	Asian NH ³	Black/ African- Amer NH ⁴	White NH	> 1 Race NH	Hispanic All Races
NOBLES: WORTHINGTON							
2019 Total	734	0	64	70	29	11	560
2019 Anemia ⁵	22 (3.0)	0	3 (4.7)	1 (1.4)	1 (****)	1 (****)	16 (2.9)
2018 Total	742	0	76	77	28	14	547
2018 Anemia	59 (8.0)	0	16 (21.1)	3 (3.9)	4 (****)	2 (****)	34 (6.2)
2017 Total	740	0	61	86	42	18	740
2017 Anemia	47 (6.4)	0	9 (14.8)	6 (7.0)	3 (7.1)	2 (****)	47 (6.4)
2016 Total	753	<5	66	72	47	18	550
2016 Anemia	37 (4.9)	0	9 (13.6)	5 (6.9)	2 (4.3)	1 (****)	20 (3.6)
2015 Total	674	<5	57	56	56	20	485
2015 Anemia	51 (7.6)	0	6 (10.5)	8 (14.3)	3 (5.4)	4 (****)	30 (6.2)
2014 Total	662	<5	62	53	64	17	464
2014 Anemia	36 (5.4)	0	5 (8.1)	4 (7.5)	3 (4.7)	0	24 (5.2)
2013 Total	673	<5	65	57	72	21	457
2013 Anemia	45 (6.7)	0	9 (13.8)	8 (14.0)	7 (9.7)	0	21 (4.6)
2012 Total	679	<5	65	48	73	15	477
2012 Anemia	44 (6.5)	0	16 (24.6)	8 (16.7)	4 (5.5)	0	16 (3.4)
2011 Total	681	<5	50	45	65	18	502
2011 Anemia	28 (4.1)	0	7 (14.0)	4 (8.9)	2 (3.1)	1 (****)	14 (2.8)

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

City ¹	Undup Total ²	Amer Indian NH	Asian NH ³	Black/ African- Amer NH ⁴	White NH	> 1 Race NH	Hispanic All Races
OLMSTED: ROCHESTER							
2019 Total	2,027	6	131	780	526	207	377
2019 Anemia ⁵	398 (19.6)	0	21 (16.0)	182 (23.3)	93 (17.7)	33 (15.9)	69 (18.3)
2018 Total	2,057	<5	154	752	524	204	420
2018 Anemia	406 (19.7)	1 (****)	36 (23.4)	152 (20.2)	102 (19.5)	42 (20.6)	73 (17.4)
2017 Total	2,141	<5	159	750	595	217	2,141
2017 Anemia	415 (19.4)	0	32 (20.1)	162 (21.6)	104 (17.5)	41 (18.9)	415 (19.4)
2016 Total	2,179	<5	180	681	676	228	411
2016 Anemia	354 (16.2)	0	30 (16.7)	122 (17.9)	89 (13.2)	43 (18.9)	70 (17.0)
2015 Total	2,266	<5	196	691	709	248	420
2015 Anemia	349 (15.4)	0	40 (20.4)	123 (17.8)	90 (12.7)	34 (13.7)	62 (14.8)
2014 Total	2,371	<5	181	713	785	264	427
2014 Anemia	287 (12.1)	0	35 (19.3)	98 (13.7)	70 (8.9)	29 (11.0)	55 (12.9)
2013 Total	2,370	<5	215	667	793	270	423
2013 Anemia	316 (13.3)	0	39 (18.1)	101 (15.1)	93 (11.7)	33 (12.2)	50 (11.8)
2012 Total	2,509	<5	231	654	880	257	484
2012 Anemia	339 (13.5)	1 (****)	47 (20.3)	95 (14.5)	94 (10.7)	35 (13.6)	67 (13.8)
2011 Total	2,642	8	234	653	927	287	533
2011 Anemia	331 (12.5)	3 (****)	47 (20.1)	107 (16.4)	82 (8.8)	34 (11.8)	58 (10.9)

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

City ¹	Undup Total ²	Amer Indian NH	Asian NH ³	Black/ African- Amer NH ⁴	White NH	> 1 Race NH	Hispanic All Races
PARTNERSHIP 4 HEALTH: DETROIT LAKES							
2019 Total	341	23	0	10	231	52	25
2019 Anemia ⁵	15 (4.4)	2 (****)	0	2 (****)	9 (3.9)	1 (1.9)	1 (****)
2018 Total	345	22	0	7	231	66	19
2018 Anemia	21 (6.1)	1 (****)	0	0	13 (5.6)	5 (7.6)	2 (****)
2017 Total	335	24	<5	7	220	56	335
2017 Anemia	24 (7.2)	1 (****)	0	0	17 (7.7)	4 (7.1)	24 (7.2)
2016 Total	341	34	<5	<5	240	51	12
2016 Anemia	20 (5.9)	0	0	0	15 (6.2)	4 (7.8)	1 (****)
2015 Total	372	40	<5	9	240	60	21
2015 Anemia	26 (7.0)	3 (7.5)	0	2 (****)	13 (5.4)	7 (11.7)	1 (****)
2014 Total	375	42	<5	7	244	57	22
2014 Anemia	24 (6.4)	0	0	1 (****)	12 (4.9)	9 (15.8)	2 (****)
2013 Total	382	41	<5	7	257	56	19
2013 Anemia	29 (7.6)	2 (4.9)	0	0	20 (7.8)	5 (8.9)	2 (****)
2012 Total	412	36	0	5	293	56	22
2012 Anemia	23 (5.6)	4 (11.1)	0	0	12 (4.1)	6 (10.7)	1 (****)
2011 Total	436	31	<5	9	302	67	26
2011 Anemia	18 (4.1)	4 (12.9)	0	0	11 (3.6)	2 (3.0)	1 (****)

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

City ¹	Undup Total ²	Amer Indian NH	Asian NH ³	Black/ African- Amer NH ⁴	White NH	> 1 Race NH	Hispanic All Races
PARTNERSHIP 4 HEALTH: FERGUS FALLS							
2019 Total	287	0	<5	11	224	34	15
2019 Anemia ⁵	18 (6.3)	0	0	0	16 (7.1)	2 (5.9)	0
2018 Total	288	<5	5	12	221	36	11
2018 Anemia	17 (5.9)	0	0	0	13 (5.9)	3 (8.3)	1 (****)
2017 Total	310	<5	<5	12	244	34	310
2017 Anemia	28 (9.0)	0	0	0	25 (10.2)	2 (5.9)	28 (9.0)
2016 Total	319	<5	<5	9	256	29	20
2016 Anemia	19 (6.0)	0	0	0	17 (6.6)	0	2 (****)
2015 Total	356	<5	5	14	284	33	18
2015 Anemia	23 (6.5)	0	0	1 (****)	15 (5.3)	5 (15.2)	2 (****)
2014 Total	356	<5	5	14	278	36	21
2014 Anemia	23 (6.5)	1 (****)	1 (****)	1 (****)	13 (4.7)	7 (19.4)	0
2013 Total	343	<5	<5	18	264	32	22
2013 Anemia	13 (3.8)	0	0	0	10 (3.8)	2 (6.2)	1 (****)
2012 Total	369	7	5	12	291	30	24
2012 Anemia	20 (5.4)	0	0	3 (****)	16 (5.5)	0	1 (****)
2011 Total	391	6	5	17	317	30	16
2011 Anemia	19 (4.9)	0	0	2 (****)	15 (4.7)	1 (3.3)	1 (****)

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

City ¹	Undup Total ²	Amer Indian NH	Asian NH ³	Black/ African- Amer NH ⁴	White NH	> 1 Race NH	Hispanic All Races
PARTNERSHIP 4 HEALTH: MOORHEAD							
2019 Total	858	<5	372	196	96	65	128
2019 Anemia ⁵	155 (18.1)	1 (****)	59 (15.9)	48 (24.5)	13 (13.5)	9 (13.8)	25 (19.5)
2018 Total	895	43	13	255	365	69	150
2018 Anemia	87 (9.7)	4 (9.3)	1 (****)	40 (15.7)	27 (7.4)	3 (4.3)	12 (8.0)
2017 Total	909	29	12	214	438	73	909
2017 Anemia	83 (9.1)	1 (****)	1 (****)	28 (13.1)	39 (8.9)	3 (4.1)	83 (9.1)
2016 Total	915	45	11	192	443	88	136
2016 Anemia	60 (6.6)	4 (8.9)	1 (****)	16 (8.3)	25 (5.6)	6 (6.8)	8 (5.9)
2015 Total	876	33	8	136	445	82	172
2015 Anemia	68 (7.8)	5 (15.2)	1 (****)	20 (14.7)	27 (6.1)	5 (6.1)	10 (5.8)
2014 Total	860	29	6	85	483	81	176
2014 Anemia	37 (4.3)	2 (****)	1 (****)	7 (8.2)	19 (3.9)	3 (3.7)	5 (2.8)
2013 Total	846	29	8	73	494	82	160
2013 Anemia	46 (5.4)	1 (****)	1 (****)	15 (20.5)	18 (3.6)	3 (3.7)	8 (5.0)
2012 Total	827	38	14	52	479	76	168
2012 Anemia	61 (7.4)	1 (2.6)	0	10 (19.2)	34 (7.1)	7 (9.2)	9 (5.4)
2011 Total	838	38	17	53	482	87	161
2011 Anemia	41 (4.9)	1 (2.6)	2 (****)	8 (15.1)	19 (3.9)	6 (6.9)	5 (3.1)

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

City ¹	Undup Total ²	Amer Indian NH	Asian NH ³	Black/ African- Amer NH ⁴	White NH	> 1 Race NH	Hispanic All Races
QUIN: THIEF RIVER FALLS							
2019 Total	252	<5	<5	6	176	21	43
2019 Anemia ⁵	9 (3.6)	0	0	0	8 (4.5)	0	1 (2.3)
2018 Total	270	5	<5	5	187	24	46
2018 Anemia	10 (3.7)	1 (****)	0	0	7 (3.7)	1 (****)	1 (2.2)
2017 Total	248	6	<5	11	176	18	248
2017 Anemia	7 (2.8)	0	0	1 (****)	5 (2.8)	0	7 (2.8)
2016 Total	308	14	<5	7	226	28	31
2016 Anemia	11 (3.6)	0	0	0	8 (3.5)	0	3 (9.7)
2015 Total	308	12	<5	<5	214	27	49
2015 Anemia	13 (4.2)	0	0	1 (****)	12 (5.6)	0	0
2014 Total	278	7	<5	<5	203	21	40
2014 Anemia	9 (3.2)	0	0	0	7 (3.4)	0	2 (5.0)
2013 Total	305	11	<5	<5	229	24	35
2013 Anemia	19 (6.2)	3 (****)	1 (****)	0	11 (4.8)	2 (****)	2 (5.7)
2012 Total	344	13	<5	6	249	28	44
2012 Anemia	19 (5.5)	4 (****)	0	1 (****)	11 (4.4)	1 (****)	2 (4.5)
2011 Total	339	18	<5	12	248	20	39
2011 Anemia	16 (4.7)	3 (****)	0	1 (****)	8 (3.2)	0	4 (10.3)

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

City ¹	Undup Total ²	Amer Indian NH	Asian NH ³	Black/ African- Amer NH ⁴	White NH	> 1 Race NH	Hispanic All Races
RAMSEY: ARDEN HILLS/ SHOREVIEW/ VADNAIS HTS							
2019 Total	242	<5	70	56	60	20	35
2019 Anemia ⁵	34 (14.0)	0	10 (14.3)	8 (14.3)	9 (15.0)	3 (****)	4 (11.4)
2018 Total	252	0	68	54	67	22	41
2018 Anemia	44 (17.5)	0	13 (19.1)	12 (22.2)	13 (19.4)	1 (****)	5 (12.2)
2017 Total	281	<5	72	72	63	25	281
2017 Anemia	57 (20.3)	1 (****)	9 (12.5)	23 (31.9)	11 (17.5)	6 (****)	57 (20.3)
2016 Total	304	<5	73	64	85	35	47
2016 Anemia	44 (14.5)	0	11 (15.1)	11 (17.2)	12 (14.1)	6 (17.1)	4 (8.5)
2015 Total	326	<5	88	51	102	35	50
2015 Anemia	44 (13.5)	0	13 (14.8)	8 (15.7)	9 (8.8)	6 (17.1)	8 (16.0)
2014 Total	315	0	80	53	117	25	40
2014 Anemia	39 (12.4)	0	11 (13.8)	11 (20.8)	11 (9.4)	3 (****)	3 (7.5)
2013 Total	312	<5	69	48	122	29	43
2013 Anemia	33 (10.6)	0	6 (8.7)	6 (12.5)	14 (11.5)	1 (****)	6 (14.0)
2012 Total	290	<5	63	42	120	22	42
2012 Anemia	30 (10.3)	0	8 (12.7)	5 (11.9)	9 (7.5)	2 (****)	6 (14.3)
2011 Total	307	<5	62	50	131	17	45
2011 Anemia	39 (12.7)	0	7 (11.3)	5 (10.0)	19 (14.5)	0	8 (17.8)

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

City ¹	Undup Total ²	Amer Indian NH	Asian NH ³	Black/ African-Amer NH ⁴	White NH	> 1 Race NH	Hispanic All Races
RAMSEY: LITTLE CANADA/ NORTH ST. PAUL							
2019 Total	381	0	126	87	77	28	63
2019 Anemia ⁵	77 (20.2)	0	25 (19.8)	24 (27.6)	9 (11.7)	6 (****)	13 (20.6)
2018 Total	397	<5	107	85	91	40	70
2018 Anemia	81 (20.4)	1 (****)	15 (14.0)	22 (25.9)	23 (25.3)	6 (15.0)	14 (20.0)
2017 Total	384	0	102	67	76	53	384
2017 Anemia	77 (20.1)	0	22 (21.6)	21 (31.3)	10 (13.2)	9 (17.0)	77 (20.1)
2016 Total	405	<5	99	87	83	46	89
2016 Anemia	60 (14.8)	0	14 (14.1)	13 (14.9)	6 (7.2)	10 (21.7)	17 (19.1)
2015 Total	419	<5	123	81	74	37	104
2015 Anemia	72 (17.2)	0	17 (13.8)	19 (23.5)	9 (12.2)	11 (29.7)	16 (15.4)
2014 Total	441	0	114	85	84	51	107
2014 Anemia	53 (12.0)	0	7 (6.1)	15 (17.6)	12 (14.3)	6 (11.8)	13 (12.1)
2013 Total	385	0	98	80	81	45	81
2013 Anemia	46 (11.9)	0	11 (11.2)	14 (17.5)	9 (11.1)	3 (6.7)	9 (11.1)
2012 Total	369	<5	95	68	86	41	78
2012 Anemia	46 (12.5)	0	15 (15.8)	12 (17.6)	5 (5.8)	6 (14.6)	8 (10.3)
2011 Total	358	<5	87	53	87	50	80
2011 Anemia	52 (14.5)	0	13 (14.9)	10 (18.9)	8 (9.2)	8 (16.0)	13 (16.2)

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

City ¹	Undup Total ²	Amer Indian NH	Asian NH ³	Black/ African- Amer NH ⁴	White NH	> 1 Race NH	Hispanic All Races
RAMSEY: MAPLEWOOD							
2019 Total	858	<5	372	196	96	65	128
2019 Anemia ⁵	155 (18.1)	1 (****)	59 (15.9)	48 (24.5)	13 (13.5)	9 (13.8)	25 (19.5)
2018 Total	812	<5	346	182	91	66	126
2018 Anemia	147 (18.1)	0	62 (17.9)	39 (21.4)	13 (14.3)	11 (16.7)	22 (17.5)
2017 Total	813	<5	312	191	107	64	813
2017 Anemia	155 (19.1)	0	49 (15.7)	48 (25.1)	23 (21.5)	13 (20.3)	155 (19.1)
2016 Total	770	<5	284	174	92	66	150
2016 Anemia	153 (19.9)	1 (****)	57 (20.1)	45 (25.9)	17 (18.5)	11 (16.7)	22 (14.7)
2015 Total	756	<5	262	160	112	70	150
2015 Anemia	112 (14.8)	1 (****)	40 (15.3)	25 (15.6)	20 (17.9)	6 (8.6)	20 (13.3)
2014 Total	814	<5	275	179	136	73	149
2014 Anemia	131 (16.1)	1 (****)	41 (14.9)	46 (25.7)	13 (9.6)	15 (20.5)	15 (10.1)
2013 Total	733	<5	262	140	132	58	139
2013 Anemia	99 (13.5)	0	32 (12.2)	36 (25.7)	16 (12.1)	4 (6.9)	11 (7.9)
2012 Total	773	<5	268	145	163	50	143
2012 Anemia	87 (11.3)	0	28 (10.4)	27 (18.6)	16 (9.8)	4 (8.0)	12 (8.4)
2011 Total	780	<5	244	159	164	52	160
2011 Anemia	119 (15.3)	1 (****)	34 (13.9)	39 (24.5)	17 (10.4)	8 (15.4)	20 (12.5)

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

City ¹	Undup Total ²	Amer Indian NH	Asian NH ³	Black/ African- Amer NH ⁴	White NH	> 1 Race NH	Hispanic All Races
RAMSEY: MOUNDS VIEW							
2019 Total	189	<5	30	62	45	22	29
2019 Anemia ⁵	47 (24.9)	0	4 (13.3)	17 (27.4)	12 (26.7)	10 (****)	4 (****)
2018 Total	214	<5	35	54	60	29	35
2018 Anemia	30 (14.0)	0	7 (20.0)	11 (20.4)	4 (6.7)	5 (****)	3 (8.6)
2017 Total	242	<5	31	61	68	36	242
2017 Anemia	30 (12.4)	0	3 (9.7)	11 (18.0)	5 (7.4)	7 (19.4)	30 (12.4)
2016 Total	269	<5	32	54	90	47	43
2016 Anemia	32 (11.9)	1 (****)	3 (9.4)	10 (18.5)	4 (4.4)	10 (21.3)	4 (9.3)
2015 Total	269	<5	45	53	79	34	54
2015 Anemia	36 (13.4)	0	8 (17.8)	8 (15.1)	7 (8.9)	3 (8.8)	10 (18.5)
2014 Total	255	0	28	53	94	31	49
2014 Anemia	34 (13.3)	0	1 (****)	11 (20.8)	10 (10.6)	5 (16.1)	7 (14.3)
2013 Total	260	<5	31	45	104	28	51
2013 Anemia	36 (13.8)	0	1 (3.2)	13 (28.9)	13 (12.5)	3 (****)	6 (11.8)
2012 Total	241	<5	30	39	103	23	45
2012 Anemia	29 (12.0)	0	3 (10.0)	9 (23.1)	8 (7.8)	2 (****)	7 (15.6)
2011 Total	235	0	35	46	89	22	43
2011 Anemia	40 (17.0)	0	6 (17.1)	12 (26.1)	13 (14.6)	2 (****)	7 (16.3)

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

City ¹	Undup Total ²	Amer Indian NH	Asian NH ³	Black/ African- Amer NH ⁴	White NH	> 1 Race NH	Hispanic All Races
RAMSEY: NEW BRIGHTON							
2019 Total	334	<5	21	155	67	35	55
2019 Anemia ⁵	73 (21.9)	0	5 (****)	50 (32.3)	7 (10.4)	4 (11.4)	7 (12.7)
2018 Total	359	<5	27	152	79	42	57
2018 Anemia	67 (18.7)	0	8 (****)	37 (24.3)	7 (8.9)	10 (23.8)	5 (8.8)
2017 Total	402	<5	29	151	96	59	402
2017 Anemia	66 (16.4)	0	3 (****)	28 (18.5)	10 (10.4)	15 (25.4)	66 (16.4)
2016 Total	434	6	37	166	118	43	64
2016 Anemia	63 (14.5)	0	3 (8.1)	27 (16.3)	11 (9.3)	7 (16.3)	15 (23.4)
2015 Total	399	<5	27	160	100	38	70
2015 Anemia	46 (11.5)	1 (****)	3 (****)	21 (13.1)	9 (9.0)	4 (10.5)	8 (11.4)
2014 Total	389	0	27	143	111	37	71
2014 Anemia	47 (12.1)	0	4 (****)	23 (16.1)	8 (7.2)	3 (8.1)	9 (12.7)
2013 Total	369	0	27	128	95	46	73
2013 Anemia	39 (10.6)	0	4 (****)	15 (11.7)	8 (8.4)	4 (8.7)	8 (11.0)
2012 Total	366	0	22	144	106	33	61
2012 Anemia	48 (13.1)	0	4 (****)	26 (18.1)	8 (7.5)	4 (12.1)	6 (9.8)
2011 Total	392	0	19	134	135	36	68
2011 Anemia	45 (11.5)	0	5 (****)	22 (16.4)	7 (5.2)	5 (13.9)	6 (8.8)

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

City ¹	Undup Total ²	Amer Indian NH	Asian NH ³	Black/ African- Amer NH ⁴	White NH	> 1 Race NH	Hispanic All Races
RAMSEY: ROSEVILLE							
2019 Total	397	<5	93	157	61	26	59
2019 Anemia ⁵	76 (19.1)	1 (****)	19 (20.4)	31 (19.7)	10 (16.4)	5 (****)	10 (16.9)
2018 Total	404	<5	101	160	54	26	61
2018 Anemia	81 (20.0)	0	26 (25.7)	28 (17.5)	14 (25.9)	7 (****)	6 (9.8)
2017 Total	450	0	105	179	71	27	450
2017 Anemia	88 (19.6)	0	26 (24.8)	41 (22.9)	8 (11.3)	3 (****)	88 (19.6)
2016 Total	459	<5	107	174	71	34	72
2016 Anemia	97 (21.1)	1 (****)	35 (32.7)	35 (20.1)	7 (9.9)	6 (17.6)	13 (18.1)
2015 Total	441	<5	99	160	76	36	69
2015 Anemia	61 (13.8)	1 (****)	18 (18.2)	21 (13.1)	5 (6.6)	7 (19.4)	9 (13.0)
2014 Total	404	<5	82	145	75	30	71
2014 Anemia	54 (13.4)	1 (****)	16 (19.5)	24 (16.6)	3 (4.0)	4 (13.3)	6 (8.5)
2013 Total	407	<5	88	143	68	25	81
2013 Anemia	44 (10.8)	0	12 (13.6)	15 (10.5)	5 (7.4)	6 (****)	6 (7.4)
2012 Total	397	<5	83	138	73	29	72
2012 Anemia	68 (17.1)	0	23 (27.7)	23 (16.7)	4 (5.5)	5 (****)	13 (18.1)
2011 Total	349	<5	70	106	63	32	75
2011 Anemia	64 (18.3)	1 (****)	15 (21.4)	22 (20.8)	5 (7.9)	8 (25.0)	13 (17.3)

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

City ¹	Undup Total ²	Amer Indian NH	Asian NH ³	Black/ African- Amer NH ⁴	White NH	> 1 Race NH	Hispanic All Races
RAMSEY: ST. PAUL							
2019 Total	9,725	51	3,890	3,143	642	664	1,335
2019 Anemia ⁵	2,134 (21.9)	10 (19.6)	826 (21.2)	799 (25.4)	113 (17.6)	149 (22.4)	237 (17.8)
2018 Total	10,206	54	4,062	3,276	708	673	1,433
2018 Anemia	2,154 (21.1)	16 (29.6)	813 (20.0)	817 (24.9)	111 (15.7)	152 (22.6)	245 (17.1)
2017 Total	10,668	46	4,266	3,314	800	709	10,668
2017 Anemia	2,199 (20.6)	10 (21.7)	870 (20.4)	800 (24.1)	124 (15.5)	154 (21.7)	2,199 (20.6)
2016 Total	11,320	55	4,492	3,486	837	749	1,701
2016 Anemia	2,204 (19.5)	14 (25.5)	881 (19.6)	750 (21.5)	147 (17.6)	147 (19.6)	265 (15.6)
2015 Total	11,566	66	4,451	3,510	911	769	1,859
2015 Anemia	2,031 (17.6)	7 (10.6)	731 (16.4)	762 (21.7)	122 (13.4)	135 (17.6)	274 (14.7)
2014 Total	11,764	74	4,394	3,436	1,020	852	1,988
2014 Anemia	1,932 (16.4)	13 (17.6)	636 (14.5)	708 (20.6)	142 (13.9)	156 (18.3)	277 (13.9)
2013 Total	11,811	68	4,381	3,372	1,008	890	2,092
2013 Anemia	1,763 (14.9)	11 (16.2)	656 (15.0)	616 (18.3)	109 (10.8)	123 (13.8)	248 (11.9)
2012 Total	11,718	66	4,133	3,296	1,112	897	2,214
2012 Anemia	1,846 (15.8)	10 (15.2)	611 (14.8)	650 (19.7)	129 (11.6)	162 (18.1)	284 (12.8)
2011 Total	11,652	63	3,929	3,308	1,146	937	2,269
2011 Anemia	1,896 (16.3)	13 (20.6)	663 (16.9)	680 (20.6)	130 (11.3)	149 (15.9)	261 (11.5)

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

City ¹	Undup Total ²	Amer Indian NH	Asian NH ³	Black/ African- Amer NH ⁴	White NH	> 1 Race NH	Hispanic All Races
RAMSEY: WHITE BEAR LAKE							
2019 Total	229	0	40	41	79	32	37
2019 Anemia ⁵	38 (16.6)	0	4 (10.0)	7 (17.1)	12 (15.2)	9 (28.1)	6 (16.2)
2018 Total	224	0	38	39	89	27	31
2018 Anemia	36 (16.1)	0	2 (5.3)	8 (20.5)	15 (16.9)	5 (****)	6 (19.4)
2017 Total	237	0	44	42	88	26	237
2017 Anemia	41 (17.3)	0	3 (6.8)	13 (31.0)	16 (18.2)	3 (****)	41 (17.3)
2016 Total	265	<5	40	36	110	31	48
2016 Anemia	35 (13.2)	0	4 (10.0)	7 (19.4)	16 (14.5)	5 (16.1)	3 (6.2)
2015 Total	270	<5	36	33	119	33	49
2015 Anemia	45 (16.7)	0	4 (11.1)	11 (33.3)	18 (15.1)	6 (18.2)	6 (12.2)
2014 Total	307	0	30	37	144	35	61
2014 Anemia	32 (10.4)	0	4 (13.3)	3 (8.1)	15 (10.4)	2 (5.7)	8 (13.1)
2013 Total	322	0	37	27	160	32	66
2013 Anemia	38 (11.8)	0	3 (8.1)	6 (****)	17 (10.6)	6 (18.8)	6 (9.1)
2012 Total	313	0	30	28	165	28	62
2012 Anemia	33 (10.5)	0	1 (3.3)	6 (****)	15 (9.1)	8 (****)	3 (4.8)
2011 Total	350	0	41	37	182	28	62
2011 Anemia	41 (11.7)	0	7 (17.1)	8 (21.6)	13 (7.1)	2 (****)	11 (17.7)

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

City ¹	Undup Total ²	Amer Indian NH	Asian NH ³	Black/ African- Amer NH ⁴	White NH	> 1 Race NH	Hispanic All Races
RICE: FARIBAULT							
2019 Total	801	<5	<5	411	174	37	173
2019 Anemia ⁵	77 (9.6)	0	0	51 (12.4)	14 (8.0)	2 (5.4)	10 (5.8)
2018 Total	834	<5	8	413	208	38	165
2018 Anemia	105 (12.6)	0	0	69 (16.7)	22 (10.6)	3 (7.9)	11 (6.7)
2017 Total	866	0	5	410	219	33	866
2017 Anemia	166 (19.2)	0	3 (****)	86 (21.0)	30 (13.7)	10 (30.3)	166 (19.2)
2016 Total	810	<5	7	350	222	33	197
2016 Anemia	149 (18.4)	0	3 (****)	65 (18.6)	38 (17.1)	10 (30.3)	33 (16.8)
2015 Total	801	<5	14	322	223	37	201
2015 Anemia	126 (15.7)	1 (****)	4 (****)	63 (19.6)	26 (11.7)	5 (13.5)	27 (13.4)
2014 Total	843	<5	12	301	272	44	212
2014 Anemia	127 (15.1)	1 (****)	1 (****)	58 (19.3)	35 (12.9)	7 (15.9)	25 (11.8)
2013 Total	833	<5	12	237	287	43	253
2013 Anemia	115 (13.8)	0	1 (****)	42 (17.7)	30 (10.5)	6 (14.0)	36 (14.2)
2012 Total	885	<5	10	224	357	31	262
2012 Anemia	90 (10.2)	0	2 (****)	28 (12.5)	29 (8.1)	4 (12.9)	27 (10.3)
2011 Total	874	0	5	184	375	27	283
2011 Anemia	106 (12.1)	0	0	39 (21.2)	30 (8.0)	4 (****)	33 (11.7)

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

City ¹	Undup Total ²	Amer Indian NH	Asian NH ³	Black/ African- Amer NH ⁴	White NH	> 1 Race NH	Hispanic All Races
RICE: NORTHFIELD							
2019 Total	152	<5	0	8	66	11	65
2019 Anemia ⁵	8 (5.3)	0	0	1 (****)	4 (6.1)	0	3 (4.6)
2018 Total	158	0	5	12	69	8	64
2018 Anemia	28 (17.7)	0	1 (****)	5 (****)	8 (11.6)	2 (****)	12 (18.8)
2017 Total	188	0	<5	21	72	11	188
2017 Anemia	34 (18.1)	0	0	11 (****)	8 (11.1)	1 (****)	34 (18.1)
2016 Total	189	<5	<5	17	73	14	82
2016 Anemia	27 (14.3)	0	0	6 (****)	10 (13.7)	1 (****)	10 (12.2)
2015 Total	222	<5	0	14	90	13	103
2015 Anemia	29 (13.1)	0	0	3 (****)	11 (12.2)	3 (****)	12 (11.7)
2014 Total	239	<5	<5	6	103	19	109
2014 Anemia	38 (15.9)	1 (****)	0	3 (****)	9 (8.7)	2 (****)	23 (21.1)
2013 Total	278	<5	<5	6	135	19	116
2013 Anemia	40 (14.4)	0	1 (****)	0	19 (14.1)	3 (****)	17 (14.7)
2012 Total	275	<5	<5	8	145	14	103
2012 Anemia	28 (10.2)	0	1 (****)	2 (****)	16 (11.0)	2 (****)	7 (6.8)
2011 Total	296	0	<5	6	136	17	136
2011 Anemia	34 (11.5)	0	0	0	14 (10.3)	5 (****)	15 (11.0)

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

City ¹	Undup Total ²	Amer Indian NH	Asian NH ³	Black/ African- Amer NH ⁴	White NH	> 1 Race NH	Hispanic All Races
RICHFIELD: RICHFIELD							
2019 Total	2,027	6	131	780	526	207	377
2019 Anemia ⁵	398 (19.6)	0	21 (16.0)	182 (23.3)	93 (17.7)	33 (15.9)	69 (18.3)
2018 Total	580	<5	35	137	52	53	300
2018 Anemia	64 (11.0)	0	6 (17.1)	15 (10.9)	6 (11.5)	3 (5.7)	34 (11.3)
2017 Total	608	<5	27	143	64	50	320
2017 Anemia	54 (8.9)	0	5 (****)	13 (9.1)	7 (10.9)	2 (4.0)	27 (8.4)
2016 Total	653	<5	28	144	65	54	358
2016 Anemia	70 (10.7)	0	4 (****)	16 (11.1)	9 (13.8)	4 (7.4)	37 (10.3)
2015 Total	712	8	28	133	73	58	412
2015 Anemia	69 (9.7)	2 (****)	5 (****)	15 (11.3)	7 (9.6)	4 (6.9)	36 (8.7)
2014 Total	764	5	38	140	71	52	458
2014 Anemia	77 (10.1)	2 (****)	4 (10.5)	22 (15.7)	2 (2.8)	9 (17.3)	38 (8.3)
2013 Total	794	8	42	134	71	57	482
2013 Anemia	74 (9.3)	0	4 (9.5)	18 (13.4)	6 (8.5)	7 (12.3)	39 (8.1)
2012 Total	789	7	50	115	70	72	475
2012 Anemia	74 (9.4)	0	5 (10.0)	15 (13.0)	8 (11.4)	9 (12.5)	37 (7.8)
2011 Total	836	5	34	112	81	64	540
2011 Anemia	82 (9.8)	1 (****)	2 (5.9)	16 (14.3)	8 (9.9)	6 (9.4)	49 (9.1)

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

City ¹	Undup Total ²	Amer Indian NH	Asian NH ³	Black/ African- Amer NH ⁴	White NH	> 1 Race NH	Hispanic All Races
SCOTT: PRIOR LAKE/SAVAGE							
2019 Total	511	<5	38	236	142	35	58
2019 Anemia ⁵	56 (11.0)	0	4 (10.5)	27 (11.4)	13 (9.2)	6 (17.1)	6 (10.3)
2018 Total	470	<5	34	219	131	21	64
2018 Anemia	65 (13.8)	0	6 (17.6)	32 (14.6)	13 (9.9)	5 (****)	9 (14.1)
2017 Total	474	0	34	196	137	37	474
2017 Anemia	72 (15.2)	0	4 (11.8)	35 (17.9)	19 (13.9)	4 (10.8)	72 (15.2)
2016 Total	490	<5	30	206	149	39	63
2016 Anemia	52 (10.6)	1 (****)	5 (16.7)	24 (11.7)	14 (9.4)	3 (7.7)	5 (7.9)
2015 Total	490	<5	33	202	147	40	67
2015 Anemia	57 (11.6)	1 (****)	9 (27.3)	25 (12.4)	13 (8.8)	3 (7.5)	6 (9.0)
2014 Total	482	5	37	158	196	39	47
2014 Anemia	56 (11.6)	0	6 (16.2)	23 (14.6)	17 (8.7)	4 (10.3)	6 (12.8)
2013 Total	482	7	33	164	198	27	53
2013 Anemia	35 (7.3)	1 (****)	5 (15.2)	14 (8.5)	9 (4.5)	3 (****)	3 (5.7)
2012 Total	513	7	41	183	204	30	48
2012 Anemia	49 (9.6)	0	7 (17.1)	20 (10.9)	18 (8.8)	1 (3.3)	3 (6.2)
2011 Total	545	10	46	170	229	26	64
2011 Anemia	50 (9.2)	1 (****)	4 (8.7)	16 (9.4)	20 (8.7)	4 (****)	5 (7.8)

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

City ¹	Undup Total ²	Amer Indian NH	Asian NH ³	Black/ African- Amer NH ⁴	White NH	> 1 Race NH	Hispanic All Races
SCOTT: SHAKOPEE							
2019 Total	588	<5	53	203	139	45	146
2019 Anemia ⁵	63 (10.7)	0	8 (15.1)	32 (15.8)	10 (7.2)	4 (8.9)	9 (6.2)
2018 Total	635	7	41	216	145	47	179
2018 Anemia	108 (17.0)	0	8 (19.5)	45 (20.8)	26 (17.9)	6 (12.8)	23 (12.8)
2017 Total	710	<5	58	218	173	59	
2017 Anemia	110 (15.5)	0	11 (19.0)	45 (20.6)	14 (8.1)	7 (11.9)	
2016 Total	707	<5	69	193	175	62	205
2016 Anemia	89 (12.6)	1 (****)	13 (18.8)	27 (14.0)	15 (8.6)	10 (16.1)	23 (11.2)
2015 Total	724	11	76	187	191	53	206
2015 Anemia	100 (13.8)	1 (****)	9 (11.8)	29 (15.5)	26 (13.6)	8 (15.1)	27 (13.1)
2014 Total	771	12	60	191	204	66	238
2014 Anemia	89 (11.5)	0	9 (15.0)	27 (14.1)	20 (9.8)	12 (18.2)	21 (8.8)
2013 Total	742	6	67	176	201	60	232
2013 Anemia	81 (10.9)	0	9 (13.4)	29 (16.5)	18 (9.0)	6 (10.0)	19 (8.2)
2012 Total	772	8	65	161	229	53	256
2012 Anemia	91 (11.8)	2 (****)	12 (18.5)	27 (16.8)	17 (7.4)	7 (13.2)	26 (10.2)
2011 Total	805	6	72	166	247	57	257
2011 Anemia	94 (11.7)	2 (****)	6 (8.3)	26 (15.7)	28 (11.3)	8 (14.0)	24 (9.3)

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

City ¹	Undup Total ²	Amer Indian NH	Asian NH ³	Black/ African- Amer NH ⁴	White NH	> 1 Race NH	Hispanic All Races
SHERBURNE: BIG LAKE/ CLEAR LAKE/ BECKER							
2019 Total	364	<5	<5	19	271	28	42
2019 Anemia ⁵	22 (6.0)	0	0	5 (****)	12 (4.4)	2 (****)	3 (7.1)
2018 Total	383	0	0	7	308	38	30
2018 Anemia	29 (7.6)	0	0	0	20 (6.5)	7 (18.4)	2 (6.7)
2017 Total	384	0	<5	14	321	28	384
2017 Anemia	32 (8.3)	0	1 (****)	3 (****)	28 (8.7)	0	32 (8.3)
2016 Total	407	<5	<5	6	348	26	22
2016 Anemia	31 (7.6)	0	1 (****)	1 (****)	24 (6.9)	3 (****)	2 (****)
2015 Total	415	<5	<5	6	336	35	35
2015 Anemia	33 (8.0)	0	0	1 (****)	25 (7.4)	3 (8.6)	4 (11.4)
2014 Total	422	0	<5	7	351	35	28
2014 Anemia	30 (7.1)	0	0	2 (****)	23 (6.6)	4 (11.4)	1 (****)
2013 Total	425	0	<5	6	346	40	32
2013 Anemia	42 (9.9)	0	0	2 (****)	34 (9.8)	2 (5.0)	4 (12.5)
2012 Total	455	0	<5	9	371	35	38
2012 Anemia	30 (6.6)	0	0	5 (****)	21 (5.7)	1 (2.9)	3 (7.9)
2011 Total	485	<5	<5	7	397	40	38
2011 Anemia	28 (5.8)	0	0	2 (****)	21 (5.3)	2 (5.0)	3 (7.9)

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

City ¹	Undup Total ²	Amer Indian NH	Asian NH ³	Black/ African-Amer NH ⁴	White NH	> 1 Race NH	Hispanic All Races
SHERBURNE: ELK RIVER/ ZIMMERMAN							
2019 Total	369	<5	8	17	275	42	26
2019 Anemia ⁵	27 (7.3)	0	0	4 (****)	17 (6.2)	3 (7.1)	3 (****)
2018 Total	408	0	<5	24	326	29	25
2018 Anemia	46 (11.3)	0	0	5 (****)	31 (9.5)	4 (****)	6 (****)
2017 Total	452	0	<5	15	363	36	452
2017 Anemia	50 (11.1)	0	1 (****)	4 (****)	33 (9.1)	7 (19.4)	50 (11.1)
2016 Total	498	<5	5	15	394	45	38
2016 Anemia	38 (7.6)	0	0	2 (****)	29 (7.4)	3 (6.7)	4 (10.5)
2015 Total	513	<5	5	18	404	45	39
2015 Anemia	32 (6.2)	0	0	3 (****)	26 (6.4)	2 (4.4)	1 (2.6)
2014 Total	505	<5	<5	13	417	36	33
2014 Anemia	41 (8.1)	0	1 (****)	0	32 (7.7)	6 (16.7)	2 (6.1)
2013 Total	486	<5	<5	13	405	34	29
2013 Anemia	32 (6.6)	0	1 (****)	2 (****)	24 (5.9)	4 (11.8)	1 (****)
2012 Total	555	<5	5	10	462	39	38
2012 Anemia	36 (6.5)	0	0	3 (****)	27 (5.8)	5 (12.8)	1 (2.6)
2011 Total	603	0	6	11	500	52	34
2011 Anemia	25 (4.1)	0	0	1 (****)	20 (4.0)	3 (5.8)	1 (2.9)

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

City ¹	Undup Total ²	Amer Indian NH	Asian NH ³	Black/ African- Amer NH ⁴	White NH	> 1 Race NH	Hispanic All Races
STEARNS: SAINT CLOUD							
2019 Total	2,195	7	28	1,449	457	129	125
2019 Anemia ⁵	256 (11.7)	0	2 (****)	206 (14.2)	29 (6.3)	8 (6.2)	11 (8.8)
2018 Total	2,223	10	24	1,451	467	144	127
2018 Anemia	275 (12.4)	2 (****)	1 (****)	221 (15.2)	31 (6.6)	9 (6.2)	11 (8.7)
2017 Total	2,146	7	24	1,347	491	139	2,146
2017 Anemia	279 (13.0)	1 (****)	1 (****)	208 (15.4)	41 (8.4)	18 (12.9)	279 (13.0)
2016 Total	2,008	<5	25	1,167	550	149	115
2016 Anemia	265 (13.2)	0	2 (****)	183 (15.7)	55 (10.0)	9 (6.0)	16 (13.9)
2015 Total	1,814	8	23	970	600	120	93
2015 Anemia	253 (13.9)	0	2 (****)	154 (15.9)	67 (11.2)	21 (17.5)	9 (9.7)
2014 Total	1,719	<5	34	799	626	144	112
2014 Anemia	211 (12.3)	0	8 (23.5)	110 (13.8)	58 (9.3)	22 (15.3)	13 (11.6)
2013 Total	1,599	5	31	669	655	144	95
2013 Anemia	138 (8.6)	1 (****)	3 (9.7)	61 (9.1)	45 (6.9)	20 (13.9)	8 (8.4)
2012 Total	1,577	6	32	586	700	151	102
2012 Anemia	120 (7.6)	0	1 (3.1)	58 (9.9)	42 (6.0)	11 (7.3)	8 (7.8)
2011 Total	1,538	7	28	512	719	167	105
2011 Anemia	112 (7.3)	0	0	38 (7.4)	46 (6.4)	19 (11.4)	9 (8.6)

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

City ¹	Undup Total ²	Amer Indian NH	Asian NH ³	Black/ African- Amer NH ⁴	White NH	> 1 Race NH	Hispanic All Races
STEARNS: SARTELL/ SAUK RAPIDS/ SAUK CENTER							
2019 Total	422	<5	6	20	294	54	45
2019 Anemia ⁵	39 (9.2)	1 (****)	1 (****)	3 (****)	24 (8.2)	4 (7.4)	6 (13.3)
2018 Total	428	<5	13	19	299	48	48
2018 Anemia	44 (10.3)	0	4 (****)	5 (****)	23 (7.7)	8 (16.7)	4 (8.3)
2017 Total	466	5	13	15	329	57	466
2017 Anemia	48 (10.3)	1 (****)	2 (****)	3 (****)	30 (9.1)	7 (12.3)	48 (10.3)
2016 Total	505	<5	12	26	352	60	55
2016 Anemia	46 (9.1)	0	1 (****)	7 (****)	24 (6.8)	10 (16.7)	4 (7.3)
2015 Total	530	<5	11	30	366	70	51
2015 Anemia	29 (5.5)	0	0	3 (10.0)	23 (6.3)	2 (2.9)	1 (2.0)
2014 Total	560	<5	11	18	393	58	76
2014 Anemia	55 (9.8)	1 (****)	2 (****)	4 (****)	33 (8.4)	7 (12.1)	8 (10.5)
2013 Total	533	<5	7	14	405	51	52
2013 Anemia	36 (6.8)	1 (****)	0	1 (****)	29 (7.2)	5 (9.8)	0
2012 Total	565	<5	<5	15	430	58	57
2012 Anemia	41 (7.3)	0	0	3 (****)	30 (7.0)	4 (6.9)	4 (7.0)
2011 Total	647	5	9	21	478	60	74
2011 Anemia	42 (6.5)	0	1 (****)	5 (****)	27 (5.6)	5 (8.3)	4 (5.4)

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

City ¹	Undup Total ²	Amer Indian NH	Asian NH ³	Black/ African- Amer NH ⁴	White NH	> 1 Race NH	Hispanic All Races
STEARNS: ST. JOSEPH/WAITE PARK							
2019 Total	543	<5	6	387	95	19	34
2019 Anemia ⁵	66 (12.2)	0	1 (****)	50 (12.9)	9 (9.5)	2 (****)	4 (11.8)
2018 Total	497	<5	6	347	94	14	35
2018 Anemia	72 (14.5)	0	0	58 (16.7)	10 (10.6)	0	4 (11.4)
2017 Total	507	<5	8	315	115	26	507
2017 Anemia	68 (13.4)	0	0	47 (14.9)	7 (6.1)	6 (****)	68 (13.4)
2016 Total	469	<5	5	289	110	18	46
2016 Anemia	60 (12.8)	0	1 (****)	36 (12.5)	10 (9.1)	4 (****)	9 (19.6)
2015 Total	430	<5	<5	222	143	17	43
2015 Anemia	64 (14.9)	0	0	47 (21.2)	10 (7.0)	0	7 (16.3)
2014 Total	369	<5	6	167	141	27	27
2014 Anemia	45 (12.2)	0	1 (****)	24 (14.4)	13 (9.2)	7 (****)	0
2013 Total	323	<5	<5	112	142	29	35
2013 Anemia	30 (9.3)	0	0	13 (11.6)	13 (9.2)	1 (****)	3 (8.6)
2012 Total	341	<5	<5	91	187	26	34
2012 Anemia	23 (6.7)	0	0	5 (5.5)	13 (7.0)	2 (****)	3 (8.8)
2011 Total	355	<5	<5	83	190	28	51
2011 Anemia	20 (5.6)	0	0	4 (4.8)	13 (6.8)	2 (****)	1 (2.0)

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

City ¹	Undup Total ²	Amer Indian NH	Asian NH ³	Black/ African- Amer NH ⁴	White NH	> 1 Race NH	Hispanic All Races
STEELE: OWATONNA							
2019 Total	519	<5	<5	130	209	26	149
2019 Anemia ⁵	62 (11.9)	0	1 (****)	21 (16.2)	20 (9.6)	5 (****)	15 (10.1)
2018 Total	529	<5	8	136	202	30	151
2018 Anemia	18 (3.4)	0	0	9 (6.6)	6 (3.0)	1 (3.3)	2 (1.3)
2017 Total	550	0	10	127	216	38	
2017 Anemia	21 (3.8)	0	0	8 (6.3)	10 (4.6)	0	
2016 Total	636	<5	7	117	283	45	184
2016 Anemia	47 (7.4)	0	0	18 (15.4)	20 (7.1)	2 (4.4)	7 (3.8)
2015 Total	630	<5	5	129	282	40	173
2015 Anemia	67 (10.6)	0	0	23 (17.8)	24 (8.5)	2 (5.0)	18 (10.4)
2014 Total	640	0	5	123	292	50	170
2014 Anemia	41 (6.4)	0	0	18 (14.6)	13 (4.5)	3 (6.0)	7 (4.1)
2013 Total	694	0	<5	117	331	65	177
2013 Anemia	36 (5.2)	0	0	10 (8.5)	12 (3.6)	3 (4.6)	11 (6.2)
2012 Total	714	0	<5	117	353	61	179
2012 Anemia	21 (2.9)	0	0	5 (4.3)	10 (2.8)	2 (3.3)	4 (2.2)
2011 Total	789	0	7	115	402	72	193
2011 Anemia	37 (4.7)	0	0	9 (7.8)	19 (4.7)	2 (2.8)	7 (3.6)

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

City ¹	Undup Total ²	Amer Indian NH	Asian NH ³	Black/ African- Amer NH ⁴	White NH	> 1 Race NH	Hispanic All Races
SOUTHWEST: MARSHALL							
2019 Total	510	<5	88	86	149	30	154
2019 Anemia ⁵	36 (7.1)	1 (****)	11 (12.5)	10 (11.6)	6 (4.0)	1 (3.3)	7 (4.5)
2018 Total	518	<5	79	92	162	23	161
2018 Anemia	34 (6.6)	1 (****)	10 (12.7)	11 (12.0)	6 (3.7)	1 (****)	5 (3.1)
2017 Total	480	0	81	82	132	34	480
2017 Anemia	35 (7.3)	0	3 (3.7)	14 (17.1)	4 (3.0)	3 (8.8)	35 (7.3)
2016 Total	512	<5	65	108	170	29	137
2016 Anemia	25 (4.9)	0	8 (12.3)	4 (3.7)	6 (3.5)	0	7 (5.1)
2015 Total	497	<5	54	103	169	34	136
2015 Anemia	29 (5.8)	0	7 (13.0)	7 (6.8)	7 (4.1)	3 (8.8)	5 (3.7)
2014 Total	403	0	31	83	151	28	110
2014 Anemia	18 (4.5)	0	2 (6.5)	5 (6.0)	2 (1.3)	0	9 (8.2)
2013 Total	437	<5	33	68	177	33	125
2013 Anemia	28 (6.4)	0	3 (9.1)	8 (11.8)	8 (4.5)	2 (6.1)	7 (5.6)
2012 Total	442	<5	24	62	192	28	135
2012 Anemia	27 (6.1)	0	2 (****)	7 (11.3)	10 (5.2)	0	8 (5.9)
2011 Total	451	<5	27	60	192	22	148
2011 Anemia	20 (4.4)	0	2 (****)	6 (10.0)	9 (4.7)	0	3 (2.0)

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

City ¹	Undup Total ²	Amer Indian NH	Asian NH ³	Black/ African- Amer NH ⁴	White NH	> 1 Race NH	Hispanic All Races
WASHINGTON: COTTAGE GROVE/ ST. PAUL PARK							
2019 Total	425	<5	50	79	202	33	57
2019 Anemia ⁵	44 (10.4)	0	8 (16.0)	16 (20.3)	11 (5.4)	4 (12.1)	5 (8.8)
2018 Total	451	<5	52	71	231	40	54
2018 Anemia	49 (10.9)	1 (****)	7 (13.5)	13 (18.3)	22 (9.5)	2 (5.0)	4 (7.4)
2017 Total	453	0	56	66	223	41	453
2017 Anemia	50 (11.0)	0	2 (3.6)	13 (19.7)	24 (10.8)	5 (12.2)	50 (11.0)
2016 Total	486	<5	59	77	227	44	78
2016 Anemia	37 (7.6)	0	1 (1.7)	5 (6.5)	23 (10.1)	4 (9.1)	4 (5.1)
2015 Total	498	<5	52	71	244	49	82
2015 Anemia	56 (11.2)	0	6 (11.5)	6 (8.5)	24 (9.8)	8 (16.3)	12 (14.6)
2014 Total	520	0	54	69	258	60	79
2014 Anemia	29 (5.6)	0	2 (3.7)	9 (13.0)	9 (3.5)	7 (11.7)	2 (2.5)
2013 Total	544	0	41	69	272	80	82
2013 Anemia	43 (7.9)	0	5 (12.2)	12 (17.4)	11 (4.0)	7 (8.8)	8 (9.8)
2012 Total	562	<5	44	66	300	72	79
2012 Anemia	47 (8.4)	0	4 (9.1)	9 (13.6)	22 (7.3)	6 (8.3)	6 (7.6)
2011 Total	570	<5	53	79	290	61	86
2011 Anemia	47 (8.2)	1 (****)	4 (7.5)	11 (13.9)	19 (6.6)	2 (3.3)	10 (11.6)

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

City ¹	Undup Total ²	Amer Indian NH	Asian NH ³	Black/ African- Amer NH ⁴	White NH	> 1 Race NH	Hispanic All Races
WASHINGTON: FOREST LAKE/HUGO							
2019 Total	250	<5	18	20	164	37	10
2019 Anemia ⁵	21 (8.4)	0	1 (****)	2 (****)	13 (7.9)	5 (13.5)	0
2018 Total	217	<5	14	16	140	28	16
2018 Anemia	22 (10.1)	0	2 (****)	4 (****)	12 (8.6)	1 (****)	3 (****)
2017 Total	239	0	15	9	163	27	239
2017 Anemia	27 (11.3)	0	0	1 (****)	18 (11.0)	4 (****)	27 (11.3)
2016 Total	273	<5	14	13	195	28	22
2016 Anemia	23 (8.4)	0	3 (****)	1 (****)	15 (7.7)	0	4 (****)
2015 Total	316	<5	20	13	207	51	25
2015 Anemia	16 (5.1)	0	1 (****)	1 (****)	9 (4.3)	4 (7.8)	1 (****)
2014 Total	341	<5	19	10	229	49	33
2014 Anemia	20 (5.9)	1 (****)	0	0	16 (7.0)	2 (4.1)	1 (3.0)
2013 Total	356	<5	20	<5	246	44	41
2013 Anemia	22 (6.2)	0	1 (****)	1 (****)	16 (6.5)	1 (2.3)	3 (7.3)
2012 Total	360	<5	14	10	260	42	32
2012 Anemia	20 (5.6)	0	1 (****)	3 (****)	10 (3.8)	6 (14.3)	0
2011 Total	411	<5	17	14	296	42	41
2011 Anemia	24 (5.8)	0	0	2 (****)	17 (5.7)	2 (4.8)	3 (7.3)

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

City ¹	Undup Total ²	Amer Indian NH	Asian NH ³	Black/ African- Amer NH ⁴	White NH	> 1 Race NH	Hispanic All Races
WASHINGTON: OAKDALE							
2019 Total	406	0	85	109	150	32	30
2019 Anemia ⁵	44 (10.8)	0	5 (5.9)	22 (20.2)	12 (8.0)	3 (9.4)	2 (6.7)
2018 Total	411	0	96	107	139	30	39
2018 Anemia	48 (11.7)	0	7 (7.3)	21 (19.6)	13 (9.4)	2 (6.7)	5 (12.8)
2017 Total	413	0	79	111	150	39	413
2017 Anemia	62 (15.0)	0	12 (15.2)	16 (14.4)	27 (18.0)	5 (12.8)	62 (15.0)
2016 Total	425	<5	82	113	142	45	42
2016 Anemia	55 (12.9)	0	10 (12.2)	25 (22.1)	14 (9.9)	3 (6.7)	3 (7.1)
2015 Total	474	<5	93	134	153	46	46
2015 Anemia	53 (11.2)	0	7 (7.5)	23 (17.2)	11 (7.2)	7 (15.2)	5 (10.9)
2014 Total	468	<5	89	111	169	50	48
2014 Anemia	36 (7.7)	1 (****)	5 (5.6)	12 (10.8)	12 (7.1)	6 (12.0)	0
2013 Total	467	<5	81	119	167	46	52
2013 Anemia	42 (9.0)	0	4 (4.9)	17 (14.3)	10 (6.0)	8 (17.4)	3 (5.8)
2012 Total	505	<5	99	124	166	55	59
2012 Anemia	34 (6.7)	1 (****)	3 (3.0)	18 (14.5)	4 (2.4)	7 (12.7)	1 (1.7)
2011 Total	525	<5	94	138	179	50	62
2011 Anemia	50 (9.5)	0	8 (8.5)	23 (16.7)	9 (5.0)	5 (10.0)	5 (8.1)

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

City ¹	Undup Total ²	Amer Indian NH	Asian NH ³	Black/ African-Amer NH ⁴	White NH	> 1 Race NH	Hispanic All Races
WASHINGTON: LAKE ELMO/ MAHTOMEDI/ STILLWATER							
2019 Total	223	0	20	17	130	19	37
2019 Anemia ⁵	25 (11.2)	0	2 (****)	3 (****)	10 (7.7)	5 (****)	5 (13.5)
2018 Total	210	0	21	21	114	17	37
2018 Anemia	19 (9.0)	0	0	4 (****)	9 (7.9)	2 (****)	4 (10.8)
2017 Total	218	0	11	29	131	18	218
2017 Anemia	27 (12.4)	0	3 (****)	3 (****)	16 (12.2)	3 (****)	27 (12.4)
2016 Total	245	<5	9	26	151	21	38
2016 Anemia	33 (13.5)	0	2 (****)	3 (****)	19 (12.6)	2 (****)	7 (18.4)
2015 Total	262	<5	8	25	154	26	49
2015 Anemia	25 (9.5)	0	0	5 (****)	12 (7.8)	1 (****)	7 (14.3)
2014 Total	252	<5	13	30	126	30	52
2014 Anemia	27 (10.7)	0	1 (****)	6 (20.0)	10 (7.9)	3 (10.0)	7 (13.5)
2013 Total	282	0	11	29	159	31	52
2013 Anemia	19 (6.7)	0	1 (****)	5 (****)	8 (5.0)	1 (3.2)	4 (7.7)
2012 Total	315	<5	11	38	189	27	49
2012 Anemia	30 (9.5)	0	0	6 (15.8)	17 (9.0)	3 (****)	4 (8.2)
2011 Total	314	<5	8	27	201	33	43
2011 Anemia	24 (7.6)	0	2 (****)	2 (****)	14 (7.0)	5 (15.2)	1 (2.3)

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

City ¹	Undup Total ²	Amer Indian NH	Asian NH ³	Black/ African- Amer NH ⁴	White NH	> 1 Race NH	Hispanic All Races
WASHINGTON: NEWPORT/ WOODBURY							
2019 Total	411	<5	51	111	175	37	34
2019 Anemia ⁵	36 (8.8)	1 (****)	5 (9.8)	13 (11.7)	10 (5.7)	3 (8.1)	4 (11.8)
2018 Total	435	<5	54	128	169	37	43
2018 Anemia	59 (13.6)	0	7 (13.0)	15 (11.7)	22 (13.0)	11 (29.7)	4 (9.3)
2017 Total	493	<5	60	148	190	39	493
2017 Anemia	43 (8.7)	0	6 (10.0)	16 (10.8)	12 (6.3)	7 (17.9)	43 (8.7)
2016 Total	459	<5	59	143	176	28	50
2016 Anemia	51 (11.1)	0	7 (11.9)	24 (16.8)	14 (8.0)	1 (****)	5 (10.0)
2015 Total	525	<5	64	170	188	47	54
2015 Anemia	55 (10.5)	0	6 (9.4)	23 (13.5)	17 (9.0)	6 (12.8)	3 (5.6)
2014 Total	528	<5	63	165	177	58	63
2014 Anemia	28 (5.3)	0	3 (4.8)	15 (9.1)	5 (2.8)	3 (5.2)	2 (3.2)
2013 Total	546	<5	59	171	202	52	61
2013 Anemia	45 (8.2)	0	4 (6.8)	19 (11.1)	11 (5.4)	6 (11.5)	5 (8.2)
2012 Total	603	0	56	186	237	55	69
2012 Anemia	60 (10.0)	0	3 (5.4)	27 (14.5)	19 (8.0)	5 (9.1)	6 (8.7)
2011 Total	609	0	64	192	228	58	67
2011 Anemia	51 (8.4)	0	5 (7.8)	25 (13.0)	8 (3.5)	8 (13.8)	5 (7.5)

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

City ¹	Undup Total ²	Amer Indian NH	Asian NH ³	Black/ African- Amer NH ⁴	White NH	> 1 Race NH	Hispanic All Races
WINONA: WINONA							
2019 Total	286	0	17	34	186	28	21
2019 Anemia ⁵	43 (15.0)	0	4 (****)	6 (17.6)	21 (11.3)	10 (****)	2 (****)
2018 Total	285	0	15	37	185	25	23
2018 Anemia	50 (17.5)	0	5 (****)	9 (24.3)	29 (15.7)	3 (****)	4 (****)
2017 Total	308	0	17	32	211	23	308
2017 Anemia	64 (20.8)	0	2 (****)	9 (28.1)	42 (19.9)	7 (****)	64 (20.8)
2016 Total	357	<5	17	41	251	25	23
2016 Anemia	82 (23.0)	0	3 (****)	17 (41.5)	50 (19.9)	4 (****)	8 (****)
2015 Total	366	<5	16	40	264	25	21
2015 Anemia	82 (22.4)	0	2 (****)	15 (37.5)	50 (18.9)	8 (****)	7 (****)
2014 Total	385	0	16	32	284	23	30
2014 Anemia	68 (17.7)	0	0	7 (21.9)	48 (16.9)	5 (****)	8 (26.7)
2013 Total	416	0	15	36	321	25	19
2013 Anemia	70 (16.8)	0	3 (****)	11 (30.6)	49 (15.3)	7 (****)	0
2012 Total	418	0	18	43	323	17	17
2012 Anemia	69 (16.5)	0	2 (****)	13 (30.2)	51 (15.8)	2 (****)	1 (****)
2011 Total	442	0	26	33	340	17	26
2011 Anemia	57 (12.9)	0	1 (****)	5 (15.2)	47 (13.8)	2 (****)	2 (****)

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

City ¹	Undup Total ²	Amer Indian NH	Asian NH ³	Black/ African- Amer NH ⁴	White NH	> 1 Race NH	Hispanic All Races
WRIGHT: BUFFALO/ ST. MICHAEL							
2019 Total	345	<5	7	31	235	31	40
2019 Anemia ⁵	48 (13.9)	0	2 (****)	3 (9.7)	32 (13.6)	5 (16.1)	6 (15.0)
2018 Total	321	<5	10	17	216	36	40
2018 Anemia	42 (13.1)	0	1 (****)	6 (****)	24 (11.1)	4 (11.1)	7 (17.5)
2017 Total	349	<5	10	16	239	42	349
2017 Anemia	48 (13.8)	0	1 (****)	2 (****)	33 (13.8)	2 (4.8)	48 (13.8)
2016 Total	336	<5	14	21	237	29	34
2016 Anemia	29 (8.6)	0	2 (****)	4 (****)	16 (6.8)	4 (****)	3 (8.8)
2015 Total	352	<5	8	17	267	28	31
2015 Anemia	34 (9.7)	0	2 (****)	1 (****)	28 (10.5)	2 (****)	1 (3.2)
2014 Total	380	5	12	19	264	38	42
2014 Anemia	22 (5.8)	0	2 (****)	3 (****)	13 (4.9)	2 (5.3)	2 (4.8)
2013 Total	418	<5	7	17	306	41	46
2013 Anemia	29 (6.9)	0	3 (****)	1 (****)	17 (5.6)	4 (9.8)	4 (8.7)
2012 Total	465	<5	9	31	336	41	46
2012 Anemia	39 (8.4)	0	3 (****)	6 (19.4)	23 (6.8)	3 (7.3)	4 (8.7)
2011 Total	492	<5	12	24	352	42	58
2011 Anemia	45 (9.1)	0	1 (****)	7 (****)	27 (7.7)	6 (14.3)	4 (6.9)

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

City ¹	Undup Total ²	Amer Indian NH	Asian NH ³	Black/ African- Amer NH ⁴	White NH	> 1 Race NH	Hispanic All Races
WRIGHT: MONTICELLO/ OTSEGO							
2019 Total	369	0	<5	36	250	24	57
2019 Anemia ⁵	50 (13.6)	0	0	10 (27.8)	24 (9.6)	3 (****)	13 (22.8)
2018 Total	396	<5	5	27	260	25	77
2018 Anemia	59 (14.9)	0	2 (****)	6 (****)	38 (14.6)	3 (****)	10 (13.0)
2017 Total	390	<5	7	18	270	26	390
2017 Anemia	47 (12.1)	0	1 (****)	5 (****)	30 (11.1)	2 (****)	47 (12.1)
2016 Total	400	5	6	16	259	37	77
2016 Anemia	42 (10.5)	1 (****)	1 (****)	2 (****)	26 (10.0)	6 (16.2)	6 (7.8)
2015 Total	401	<5	<5	16	278	32	68
2015 Anemia	33 (8.2)	0	0	1 (****)	20 (7.2)	4 (12.5)	8 (11.8)
2014 Total	430	<5	7	9	295	43	74
2014 Anemia	24 (5.6)	0	0	2 (****)	17 (5.8)	1 (2.3)	4 (5.4)
2013 Total	457	<5	8	16	300	49	81
2013 Anemia	25 (5.5)	0	0	2 (****)	15 (5.0)	6 (12.2)	2 (2.5)
2012 Total	442	<5	7	15	304	37	78
2012 Anemia	28 (6.3)	0	3 (****)	1 (****)	17 (5.6)	6 (16.2)	1 (1.3)
2011 Total	496	0	9	19	344	46	78
2011 Anemia	37 (7.5)	0	0	3 (****)	16 (4.7)	9 (19.6)	9 (11.5)

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

Minnesota WIC Information System

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

Race/Ethnicity are self-identified by the participant's caregiver.

Participants may be counted in more than one race/ethnicity category.

Numbers suppressed if total population by race/ethnicity is between 1 and 5 ****

and/or denominator is <30 (****)

Suggested Citation: Minnesota WIC Information System. *Anemia in Infants and Children*

Participating in Minnesota WIC by Calendar Year, City and Race/Ethnicity.

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

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

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

³Includes Asian, Asian Pacific Islander and Native Hawaiian participants

⁴Includes both African-Americans and African participants

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

Low hemoglobin is characteristic of anemia. O

One hemoglobin measure was randomly selected per child per year.