

**Anemia in Minnesota WIC Infants and Children by County and Race/Ethnicity  
Alone or in Combination with Other Races (AOIC)  
Minnesota WIC Information System**

County <sup>1</sup>	Amer Indian AOIC NH	Asian AOIC NH <sup>2</sup>	Black/ African-Amer AOIC NH <sup>3</sup>	White AOIC NH	American Indian AOIC H	Other AOIC H <sup>4</sup>	White AOIC H
<b>MINNESOTA</b>							
<i>2019 Total</i>	4,293	9,286	23,925	33,887	1,507	1,424	11,685
<i>2019 Anemia<sup>5</sup></i>	648 (15.1)	1,574 (17.0)	4,503 (18.8)	3,192 (9.4)	211 (14.0)	211 (14.8)	1,313 (11.2)
<i>2018 Total</i>	4,631	9,711	25,303	35,439	1,828	1,495	12,516
<i>2018 Anemia</i>	754 (16.3)	1,694 (17.4)	4,839 (19.1)	3,803 (10.7)	247 (13.5)	243 (16.3)	1,533 (12.2)
<i>2017 Total</i>	4,741	10,104	25,963	38,363	2,187	1,529	13,189
<i>2017 Anemia</i>	711 (15.0)	1,708 (16.9)	4,937 (19.0)	4,189 (10.9)	299 (13.7)	271 (17.7)	1,691 (12.8)
<i>2016 Total</i>	4,857	10,397	25,965	40,338	2,608	1,545	13,512
<i>2016 Anemia</i>	675 (13.9)	1,712 (16.5)	4,678 (18.0)	3,991 (9.9)	344 (13.2)	266 (17.2)	1,592 (11.8)
<i>2015 Total</i>	5,294	10,466	25,758	42,564	3,100	1,648	14,088
<i>2015 Anemia</i>	715 (13.5)	1,564 (14.9)	4,714 (18.3)	3,985 (9.4)	389 (12.5)	276 (16.7)	1,655 (11.7)
<i>2014 Total</i>	5,460	10,187	25,167	44,613	3,678	1,572	14,188
<i>2014 Anemia</i>	799 (14.6)	1,403 (13.8)	4,243 (16.9)	3,860 (8.7)	434 (11.8)	218 (13.9)	1,576 (11.1)
<i>2013 Total</i>	5,448	10,124	24,098	46,003	4,333	1,560	14,519
<i>2013 Anemia</i>	813 (14.9)	1,350 (13.3)	3,822 (15.9)	3,629 (7.9)	497 (11.5)	210 (13.5)	1,532 (10.6)
<i>2012 Total</i>	5,484	9,685	23,397	48,991	4,956	1,503	14,967
<i>2012 Anemia</i>	796 (14.5)	1,343 (13.9)	3,861 (16.5)	3,740 (7.6)	505 (10.2)	183 (12.2)	1,531 (10.2)
<i>2011 Total</i>	5,798	9,612	23,690	52,586	5,732	1,508	16,018
<i>2011 Anemia</i>	777 (13.4)	1,409 (14.7)	3,930 (16.6)	3,859 (7.3)	644 (11.2)	186 (12.3)	1,594 (10.0)

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<b>AITKIN</b>							
2019 Total	23	<5	<5	189	<5	0	<5
2019 Anemia	5 (****)	0	0	14 (7.4)	0	0	0
2018 Total	29	<5	10	172	<5	0	10
2018 Anemia	7 (****)	0	2 (****)	24 (14.0)	1 (****)	0	2 (****)
2017 Total	35	<5	10	177	<5	<5	10
2017 Anemia	4 (11.4)	0	2 (****)	26 (14.7)	0	0	2 (****)
2016 Total	35	6	6	194	<5	<5	7
2016 Anemia	3 (8.6)	1 (****)	2 (****)	24 (12.4)	0	0	1 (****)
2015 Total	38	<5	9	180	<5	<5	10
2015 Anemia	2 (5.3)	0	1 (****)	15 (8.3)	0	0	3 (****)
2014 Total	39	<5	6	193	<5	0	9
2014 Anemia	1 (2.6)	0	0	11 (5.7)	2 (****)	0	1 (****)
2013 Total	46	<5	6	224	6	<5	16
2013 Anemia	2 (4.3)	0	0	4 (1.8)	0	0	2 (****)
2012 Total	40	<5	8	246	6	<5	8
2012 Anemia	3 (7.5)	0	0	8 (3.3)	0	0	0
2011 Total	54	<5	7	270	8	<5	7
2011 Anemia	7 (13.0)	0	0	8 (3.0)	0	0	0

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<b>ANOKA</b>							
2019 Total	106	454	1,371	1,884	36	78	513
2019 Anemia	14 (13.2)	42 (9.3)	217 (15.8)	175 (9.3)	3 (8.3)	6 (7.7)	47 (9.2)
2018 Total	114	404	1,378	2,002	49	66	521
2018 Anemia	10 (8.8)	30 (7.4)	208 (15.1)	203 (10.1)	6 (12.2)	9 (13.6)	52 (10.0)
2017 Total	108	391	1,289	2,098	47	71	559
2017 Anemia	10 (9.3)	43 (11.0)	176 (13.7)	187 (8.9)	4 (8.5)	10 (14.1)	67 (12.0)
2016 Total	104	356	1,211	2,144	51	57	548
2016 Anemia	7 (6.7)	35 (9.8)	149 (12.3)	201 (9.4)	7 (13.7)	12 (21.1)	46 (8.4)
2015 Total	125	326	1,293	2,456	56	64	563
2015 Anemia	12 (9.6)	39 (12.0)	156 (12.1)	191 (7.8)	8 (14.3)	8 (12.5)	62 (11.0)
2014 Total	131	342	1,225	2,587	53	58	538
2014 Anemia	9 (6.9)	28 (8.2)	145 (11.8)	180 (7.0)	3 (5.7)	3 (5.2)	45 (8.4)
2013 Total	127	327	1,207	2,426	72	71	554
2013 Anemia	9 (7.1)	26 (8.0)	132 (10.9)	171 (7.0)	5 (6.9)	6 (8.5)	36 (6.5)
2012 Total	122	337	1,220	2,577	98	72	595
2012 Anemia	7 (5.7)	49 (14.5)	147 (12.0)	163 (6.3)	5 (5.1)	5 (6.9)	47 (7.9)
2011 Total	120	325	1,269	2,752	113	72	622
2011 Anemia	10 (8.3)	27 (8.3)	169 (13.3)	171 (6.2)	14 (12.4)	5 (6.9)	45 (7.2)

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<b>BECKER</b>							
2019 Total	228	8	35	559	20	<5	38
2019 Anemia	13 (5.7)	0	2 (5.7)	23 (4.1)	0	0	1 (2.6)
2018 Total	225	13	41	545	20	<5	38
2018 Anemia	12 (5.3)	1 (****)	6 (14.6)	31 (5.7)	0	0	2 (5.3)
2017 Total	229	12	32	530	23	<5	45
2017 Anemia	13 (5.7)	1 (****)	2 (6.2)	35 (6.6)	1 (****)	0	3 (6.7)
2016 Total	236	15	31	545	23	<5	33
2016 Anemia	12 (5.1)	0	5 (16.1)	30 (5.5)	1 (****)	1 (****)	2 (6.1)
2015 Total	284	16	44	586	27	<5	39
2015 Anemia	23 (8.1)	2 (****)	8 (18.2)	48 (8.2)	5 (****)	0	2 (5.1)
2014 Total	293	14	41	584	26	5	47
2014 Anemia	34 (11.6)	2 (****)	4 (9.8)	43 (7.4)	1 (****)	1 (****)	9 (19.1)
2013 Total	303	10	34	638	22	5	40
2013 Anemia	27 (8.9)	0	3 (8.8)	48 (7.5)	3 (****)	1 (****)	5 (12.5)
2012 Total	279	10	39	707	21	<5	42
2012 Anemia	35 (12.5)	0	7 (17.9)	43 (6.1)	3 (****)	0	5 (11.9)
2011 Total	276	14	43	749	25	8	40
2011 Anemia	23 (8.3)	0	3 (7.0)	34 (4.5)	0	0	2 (5.0)

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<b>BELTRAMI</b>							
2019 Total	814	8	43	546	16	6	27
2019 Anemia	180 (22.1)	0	3 (7.0)	25 (4.6)	4 (****)	0	3 (****)
2018 Total	825	10	37	573	16	<5	17
2018 Anemia	180 (21.8)	0	1 (2.7)	37 (6.5)	4 (****)	1 (****)	3 (****)
2017 Total	859	11	36	617	18	<5	22
2017 Anemia	150 (17.5)	2 (****)	6 (16.7)	49 (7.9)	2 (****)	0	2 (****)
2016 Total	925	18	47	675	19	8	29
2016 Anemia	136 (14.7)	0	6 (12.8)	41 (6.1)	1 (****)	0	0
2015 Total	972	18	52	687	24	6	33
2015 Anemia	142 (14.6)	2 (****)	11 (21.2)	52 (7.6)	4 (****)	1 (****)	2 (6.1)
2014 Total	1,024	15	66	802	35	<5	28
2014 Anemia	226 (22.1)	3 (****)	4 (6.1)	62 (7.7)	6 (17.1)	0	2 (****)
2013 Total	1,044	20	71	797	39	<5	30
2013 Anemia	280 (26.8)	5 (****)	7 (9.9)	65 (8.2)	7 (17.9)	0	3 (10.0)
2012 Total	1,028	17	67	843	35	5	25
2012 Anemia	293 (28.5)	1 (****)	9 (13.4)	63 (7.5)	10 (28.6)	0	2 (****)
2011 Total	1,100	19	67	961	50	<5	30
2011 Anemia	256 (23.3)	2 (****)	14 (20.9)	83 (8.6)	7 (14.0)	0	2 (6.7)

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<b>BENTON</b>							
2019 Total	26	12	216	434	<5	6	42
2019 Anemia	3 (****)	1 (****)	23 (10.6)	28 (6.5)	0	0	8 (19.0)
2018 Total	30	12	207	441	<5	6	40
2018 Anemia	2 (6.7)	2 (****)	37 (17.9)	38 (8.6)	0	0	4 (10.0)
2017 Total	31	18	201	482	9	7	37
2017 Anemia	4 (12.9)	0	27 (13.4)	42 (8.7)	1 (****)	1 (****)	5 (13.5)
2016 Total	23	18	216	473	8	5	41
2016 Anemia	3 (****)	2 (****)	31 (14.4)	47 (9.9)	1 (****)	1 (****)	6 (14.6)
2015 Total	29	12	199	497	6	<5	35
2015 Anemia	2 (****)	1 (****)	29 (14.6)	50 (10.1)	0	0	4 (11.4)
2014 Total	23	20	147	514	<5	9	54
2014 Anemia	2 (****)	4 (****)	28 (19.0)	57 (11.1)	0	0	10 (18.5)
2013 Total	14	18	124	520	6	7	42
2013 Anemia	2 (****)	2 (****)	14 (11.3)	41 (7.9)	0	0	4 (9.5)
2012 Total	12	20	111	564	7	5	39
2012 Anemia	0	1 (****)	14 (12.6)	45 (8.0)	0	0	1 (2.6)
2011 Total	17	20	104	628	6	<5	39
2011 Anemia	1 (****)	1 (****)	14 (13.5)	32 (5.1)	1 (****)	1 (****)	3 (7.7)

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<b>BIG STONE</b>							
2019 Total	<5	<5	<5	86	0	0	12
2019 Anemia	1 (****)	0	0	2 (2.3)	0	0	2 (****)
2018 Total	<5	<5	<5	81	<5	0	9
2018 Anemia	0	0	1 (****)	4 (4.9)	1 (****)	0	3 (****)
2017 Total	<5	<5	<5	85	0	<5	12
2017 Anemia	0	1 (****)	1 (****)	6 (7.1)	0	2 (****)	1 (****)
2016 Total	<5	<5	<5	89	<5	<5	7
2016 Anemia	0	0	0	11 (12.4)	0	0	2 (****)
2015 Total	<5	<5	<5	86	<5	<5	7
2015 Anemia	0	0	1 (****)	6 (7.0)	0	0	2 (****)
2014 Total	<5	<5	5	98	0	0	8
2014 Anemia	0	0	0	4 (4.1)	0	0	1 (****)
2013 Total	<5	<5	0	103	0	0	<5
2013 Anemia	0	0	0	7 (6.8)	0	0	0
2012 Total	<5	<5	0	120	0	0	5
2012 Anemia	0	0	0	4 (3.3)	0	0	0
2011 Total	<5	<5	<5	126	0	0	5
2011 Anemia	0	0	0	3 (2.4)	0	0	0

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<b>BLUE EARTH</b>							
2019 Total	18	26	255	509	6	15	89
2019 Anemia	4 (****)	2 (****)	49 (19.2)	85 (16.7)	1 (****)	4 (****)	13 (14.6)
2018 Total	14	27	233	542	8	11	84
2018 Anemia	2 (****)	4 (****)	70 (30.0)	142 (26.2)	2 (****)	5 (****)	26 (31.0)
2017 Total	14	20	224	533	<5	10	83
2017 Anemia	5 (****)	4 (****)	76 (33.9)	119 (22.3)	2 (****)	4 (****)	25 (30.1)
2016 Total	21	27	205	607	<5	9	72
2016 Anemia	2 (****)	3 (****)	53 (25.9)	119 (19.6)	0	3 (****)	18 (25.0)
2015 Total	8	26	223	643	<5	8	50
2015 Anemia	1 (****)	4 (****)	50 (22.4)	88 (13.7)	0	3 (****)	9 (18.0)
2014 Total	<5	17	207	655	<5	11	52
2014 Anemia	0	0	39 (18.8)	69 (10.5)	0	3 (****)	7 (13.5)
2013 Total	7	23	192	705	5	6	53
2013 Anemia	2 (****)	1 (****)	18 (9.4)	65 (9.2)	0	0	6 (11.3)
2012 Total	9	24	212	743	5	6	59
2012 Anemia	0	0	27 (12.7)	65 (8.7)	0	0	10 (16.9)
2011 Total	11	32	215	807	7	6	68
2011 Anemia	1 (****)	3 (9.4)	34 (15.8)	86 (10.7)	1 (****)	0	5 (7.4)



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<b>BROWN</b>							
2019 Total	10	<5	6	300	<5	<5	74
2019 Anemia	2 (****)	0	2 (****)	24 (8.0)	0	0	10 (13.5)
2018 Total	12	<5	7	311	<5	5	88
2018 Anemia	2 (****)	1 (****)	1 (****)	26 (8.4)	0	1 (****)	10 (11.4)
2017 Total	7	<5	10	318	<5	6	81
2017 Anemia	1 (****)	0	1 (****)	22 (6.9)	0	0	5 (6.2)
2016 Total	7	5	14	317	<5	<5	71
2016 Anemia	0	0	1 (****)	7 (2.2)	0	0	4 (5.6)
2015 Total	6	6	11	333	<5	<5	94
2015 Anemia	0	0	2 (****)	10 (3.0)	0	0	5 (5.3)
2014 Total	6	6	11	333	<5	<5	94
2014 Anemia	0	0	2 (****)	10 (3.0)	0	0	5 (5.3)
2013 Total	<5	10	11	326	<5	<5	83
2013 Anemia	0	4 (****)	1 (****)	15 (4.6)	0	0	5 (6.0)
2012 Total	<5	<5	10	340	<5	<5	95
2012 Anemia	0	0	1 (****)	20 (5.9)	0	0	13 (13.7)
2011 Total	<5	<5	7	363	<5	<5	105
2011 Anemia	0	2 (****)	2 (****)	22 (6.1)	0	0	10 (9.5)

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<b>CARLTON</b>							
2019 Total	183	5	24	399	7	<5	17
2019 Anemia	17 (9.3)	0	2 (****)	26 (6.5)	1 (****)	0	0
2018 Total	177	<5	23	384	7	0	15
2018 Anemia	11 (6.2)	1 (****)	1 (****)	31 (8.1)	1 (****)	0	1 (****)
2017 Total	185	8	25	453	9	<5	14
2017 Anemia	13 (7.0)	2 (****)	8 (****)	37 (8.2)	0	0	2 (****)
2016 Total	174	5	24	452	12	<5	16
2016 Anemia	12 (6.9)	0	4 (****)	38 (8.4)	0	0	0
2015 Total	179	8	25	474	15	<5	15
2015 Anemia	9 (5.0)	1 (****)	2 (****)	39 (8.2)	0	0	0
2014 Total	194	11	24	511	21	<5	22
2014 Anemia	6 (3.1)	1 (****)	4 (****)	24 (4.7)	1 (****)	0	0
2013 Total	213	6	28	545	17	<5	14
2013 Anemia	13 (6.1)	1 (****)	5 (****)	35 (6.4)	1 (****)	0	0
2012 Total	217	<5	39	601	16	<5	17
2012 Anemia	12 (5.5)	1 (****)	2 (5.1)	25 (4.2)	0	0	0
2011 Total	221	9	35	636	16	5	23
2011 Anemia	13 (5.9)	0	4 (11.4)	21 (3.3)	0	0	0

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<b>CARVER</b>							
2019 Total	7	35	122	258	<5	8	123
2019 Anemia	0	5 (14.3)	17 (13.9)	31 (12.0)	0	1 (****)	8 (6.5)
2018 Total	9	32	155	258	<5	9	132
2018 Anemia	1 (****)	1 (3.1)	19 (12.3)	23 (8.9)	1 (****)	0	15 (11.4)
2017 Total	9	30	154	311	6	<5	147
2017 Anemia	0	2 (6.7)	16 (10.4)	30 (9.6)	1 (****)	0	18 (12.2)
2016 Total	12	30	137	308	8	7	143
2016 Anemia	1 (****)	5 (16.7)	20 (14.6)	36 (11.7)	0	2 (****)	13 (9.1)
2015 Total	8	27	140	297	12	8	148
2015 Anemia	0	3 (****)	14 (10.0)	28 (9.4)	1 (****)	2 (****)	16 (10.8)
2014 Total	<5	22	116	327	15	5	145
2014 Anemia	0	2 (****)	8 (6.9)	24 (7.3)	0	1 (****)	14 (9.7)
2013 Total	5	28	110	336	31	6	143
2013 Anemia	0	2 (****)	9 (8.2)	24 (7.1)	0	0	7 (4.9)
2012 Total	8	38	103	352	48	7	140
2012 Anemia	0	3 (7.9)	6 (5.8)	19 (5.4)	5 (10.4)	1 (****)	12 (8.6)
2011 Total	<5	42	99	375	50	8	152
2011 Anemia	2 (****)	3 (7.1)	12 (12.1)	23 (6.1)	4 (8.0)	1 (****)	13 (8.6)

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<b>CASS</b>							
2019 Total	354	11	29	293	28	<5	15
2019 Anemia	70 (19.8)	4 (****)	6 (****)	16 (5.5)	6 (****)	0	1 (****)
2018 Total	356	12	25	335	23	<5	15
2018 Anemia	95 (26.7)	1 (****)	4 (****)	31 (9.3)	8 (****)	0	1 (****)
2017 Total	313	9	22	367	16	<5	16
2017 Anemia	72 (23.0)	2 (****)	5 (****)	23 (6.3)	2 (****)	1 (****)	2 (****)
2016 Total	310	6	15	414	12	<5	14
2016 Anemia	85 (27.4)	0	1 (****)	26 (6.3)	2 (****)	0	0
2015 Total	420	9	20	412	15	<5	14
2015 Anemia	88 (21.0)	0	2 (****)	29 (7.0)	5 (****)	0	2 (****)
2014 Total	402	5	19	407	13	<5	8
2014 Anemia	79 (19.7)	0	1 (****)	20 (4.9)	0	0	1 (****)
2013 Total	440	5	18	416	13	<5	10
2013 Anemia	89 (20.2)	2 (****)	2 (****)	19 (4.6)	1 (****)	0	0
2012 Total	447	6	18	440	17	<5	9
2012 Anemia	73 (16.3)	2 (****)	1 (****)	25 (5.7)	2 (****)	1 (****)	1 (****)
2011 Total	464	8	25	515	27	<5	11
2011 Anemia	39 (8.4)	0	5 (****)	17 (3.3)	1 (****)	0	0

**Anemia in Minnesota WIC Infants and Children by County and Race/Ethnicity  
Alone or in Combination with Other Races (AOIC)  
Minnesota WIC Information System**

County <sup>1</sup>	Amer Indian AOIC NH	Asian AOIC NH <sup>2</sup>	Black/ African-Amer AOIC NH <sup>3</sup>	White AOIC NH	American Indian AOIC H	Other AOIC H <sup>4</sup>	White AOIC H
<b>CHIPPEWA</b>							
2019 Total	11	37	5	150	<5	<5	78
2019 Anemia	3 (****)	3 (8.1)	1 (****)	15 (10.0)	0	0	14 (17.9)
2018 Total	7	47	11	162	<5	<5	90
2018 Anemia	2 (****)	7 (14.9)	2 (****)	12 (7.4)	1 (****)	1 (****)	13 (14.4)
2017 Total	9	38	15	188	5	<5	87
2017 Anemia	2 (****)	10 (26.3)	4 (****)	33 (17.6)	3 (****)	0	22 (25.3)
2016 Total	16	24	16	181	<5	<5	88
2016 Anemia	1 (****)	5 (****)	2 (****)	16 (8.8)	0	2 (****)	13 (14.8)
2015 Total	9	27	16	185	5	<5	83
2015 Anemia	3 (****)	10 (****)	5 (****)	25 (13.5)	1 (****)	1 (****)	20 (24.1)
2014 Total	8	28	13	171	6	<5	70
2014 Anemia	0	3 (****)	2 (****)	30 (17.5)	0	0	16 (22.9)
2013 Total	6	19	15	210	8	<5	63
2013 Anemia	2 (****)	2 (****)	1 (****)	28 (13.3)	4 (****)	0	8 (12.7)
2012 Total	7	18	13	194	5	<5	63
2012 Anemia	0	4 (****)	1 (****)	14 (7.2)	1 (****)	0	12 (19.0)
2011 Total	10	13	17	219	6	<5	57
2011 Anemia	3 (****)	2 (****)	2 (****)	18 (8.2)	1 (****)	0	7 (12.3)

**Anemia in Minnesota WIC Infants and Children by County and Race/Ethnicity  
Alone or in Combination with Other Races (AOIC)  
Minnesota WIC Information System**

County <sup>1</sup>	Amer Indian AOIC NH	Asian AOIC NH <sup>2</sup>	Black/ African-Amer AOIC NH <sup>3</sup>	White AOIC NH	American Indian AOIC H	Other AOIC H <sup>4</sup>	White AOIC H
<b>CHISAGO</b>							
2019 Total	25	33	23	433	<5	<5	28
2019 Anemia	3 (****)	3 (9.1)	4 (****)	40 (9.2)	0	1 (****)	1 (****)
2018 Total	20	31	34	468	<5	<5	31
2018 Anemia	3 (****)	2 (6.5)	3 (8.8)	54 (11.5)	0	0	2 (6.5)
2017 Total	25	29	33	517	5	<5	35
2017 Anemia	4 (****)	5 (****)	6 (18.2)	67 (13.0)	1 (****)	1 (****)	4 (11.4)
2016 Total	19	15	25	513	7	<5	43
2016 Anemia	2 (****)	0	3 (****)	61 (11.9)	1 (****)	1 (****)	9 (20.9)
2015 Total	21	21	32	536	6	<5	46
2015 Anemia	2 (****)	4 (****)	2 (6.2)	48 (9.0)	0	0	2 (4.3)
2014 Total	20	25	24	527	6	<5	43
2014 Anemia	1 (****)	2 (****)	0	34 (6.5)	2 (****)	0	3 (7.0)
2013 Total	18	20	22	605	8	5	42
2013 Anemia	0	1 (****)	3 (****)	30 (5.0)	0	0	3 (7.1)
2012 Total	19	19	21	635	8	8	44
2012 Anemia	1 (****)	3 (****)	1 (****)	37 (5.8)	1 (****)	0	2 (4.5)
2011 Total	24	20	23	663	10	7	50
2011 Anemia	2 (****)	2 (****)	2 (****)	59 (8.9)	0	0	3 (6.0)

**Anemia in Minnesota WIC Infants and Children by County and Race/Ethnicity  
Alone or in Combination with Other Races (AOIC)  
Minnesota WIC Information System**

County <sup>1</sup>	Amer Indian AOIC NH	Asian AOIC NH <sup>2</sup>	Black/ African- Amer AOIC NH <sup>3</sup>	White AOIC NH	American Indian AOIC H	Other AOIC H <sup>4</sup>	White AOIC H
<b>CLAY</b>							
2019 Total	81	22	323	533	19	17	152
2019 Anemia	7 (8.6)	0	29 (9.0)	31 (5.8)	2 (****)	2 (****)	9 (5.9)
2018 Total	102	23	317	598	23	20	175
2018 Anemia	7 (6.9)	1 (****)	45 (14.2)	34 (5.7)	1 (****)	0	15 (8.6)
2017 Total	88	20	288	698	28	14	180
2017 Anemia	4 (4.5)	1 (****)	34 (11.8)	54 (7.7)	0	2 (****)	13 (7.2)
2016 Total	107	22	268	702	25	16	164
2016 Anemia	7 (6.5)	1 (****)	21 (7.8)	39 (5.6)	2 (****)	3 (****)	10 (6.1)
2015 Total	91	21	207	728	30	17	207
2015 Anemia	9 (9.9)	4 (****)	24 (11.6)	38 (5.2)	1 (3.3)	2 (****)	13 (6.3)
2014 Total	93	20	138	754	45	18	205
2014 Anemia	7 (7.5)	2 (****)	11 (8.0)	30 (4.0)	1 (2.2)	1 (****)	7 (3.4)
2013 Total	99	18	126	775	32	16	197
2013 Anemia	4 (4.0)	1 (****)	17 (13.5)	26 (3.4)	2 (6.2)	0	7 (3.6)
2012 Total	106	31	100	777	37	18	202
2012 Anemia	5 (4.7)	2 (6.5)	17 (17.0)	53 (6.8)	6 (16.2)	3 (****)	9 (4.5)
2011 Total	115	34	109	821	38	17	188
2011 Anemia	7 (6.1)	4 (11.8)	11 (10.1)	36 (4.4)	1 (2.6)	0	8 (4.3)

**Anemia in Minnesota WIC Infants and Children by County and Race/Ethnicity  
Alone or in Combination with Other Races (AOIC)  
Minnesota WIC Information System**

County <sup>1</sup>	Amer Indian AOIC NH	Asian AOIC NH <sup>2</sup>	Black/ African-Amer AOIC NH <sup>3</sup>	White AOIC NH	American Indian AOIC H	Other AOIC H <sup>4</sup>	White AOIC H
<b>CLEARWATER</b>							
2019 Total	56	<5	5	124	<5	0	<5
2019 Anemia	5 (8.9)	0	0	6 (4.8)	0	0	0
2018 Total	72	<5	<5	129	<5	0	6
2018 Anemia	10 (13.9)	1 (****)	1 (****)	12 (9.3)	1 (****)	0	2 (****)
2017 Total	62	<5	8	129	<5	<5	<5
2017 Anemia	7 (11.3)	0	0	15 (11.6)	1 (****)	0	1 (****)
2016 Total	47	<5	6	118	5	<5	<5
2016 Anemia	6 (12.8)	0	2 (****)	8 (6.8)	3 (****)	0	1 (****)
2015 Total	52	<5	5	126	<5	<5	<5
2015 Anemia	9 (17.3)	0	2 (****)	11 (8.7)	0	0	1 (****)
2014 Total	67	<5	<5	146	<5	0	67
2014 Anemia	8 (11.9)	1 (****)	0	12 (8.2)	0	0	0
2013 Total	59	<5	<5	158	<5	0	<5
2013 Anemia	6 (10.2)	0	0	11 (7.0)	0	0	0
2012 Total	57	0	<5	162	0	0	<5
2012 Anemia	6 (10.5)	0	2 (****)	22 (13.6)	0	0	1 (****)
2011 Total	64	0	<5	168	<5	0	<5
2011 Anemia	3 (4.7)	0	1 (****)	9 (5.4)	0	0	0



**Anemia in Minnesota WIC Infants and Children by County and Race/Ethnicity  
Alone or in Combination with Other Races (AOIC)  
Minnesota WIC Information System**

County <sup>1</sup>	Amer Indian AOIC NH	Asian AOIC NH <sup>2</sup>	Black/ African-Amer AOIC NH <sup>3</sup>	White AOIC NH	American Indian AOIC H	Other AOIC H <sup>4</sup>	White AOIC H
<b>COOK</b>							
2019 Total	30	6	<5	62	0	0	<5
2019 Anemia	7 (23.3)	3 (****)	0	7 (11.3)	0	0	0
2018 Total	33	6	<5	71	0	<5	9
2018 Anemia	9 (27.3)	2 (****)	0	10 (14.1)	0	0	2 (****)
2017 Total	34	8	0	74	0	<5	8
2017 Anemia	8 (23.5)	1 (****)	0	9 (12.2)	0	0	1 (****)
2016 Total	24	7	<5	76	<5	<5	7
2016 Anemia	9 (****)	3 (****)	0	10 (13.2)	0	0	2 (****)
2015 Total	29	<5	5	85	<5	<5	6
2015 Anemia	8 (****)	0	1 (****)	15 (17.6)	0	0	0
2014 Total	18	5	<5	82	<5	0	<5
2014 Anemia	3 (****)	2 (****)	0	9 (11.0)	2 (****)	0	0
2013 Total	19	<5	<5	97	<5	0	<5
2013 Anemia	3 (****)	0	1 (****)	5 (5.2)	1 (****)	0	0
2012 Total	23	<5	<5	90	<5	0	5
2012 Anemia	1 (****)	0	0	3 (3.3)	0	0	0
2011 Total	28	<5	<5	86	<5	0	<5
2011 Anemia	3 (****)	0	0	9 (10.5)	0	0	0

**Anemia in Minnesota WIC Infants and Children by County and Race/Ethnicity  
Alone or in Combination with Other Races (AOIC)  
Minnesota WIC Information System**

County <sup>1</sup>	Amer Indian AOIC NH	Asian AOIC NH <sup>2</sup>	Black/ African-Amer AOIC NH <sup>3</sup>	White AOIC NH	American Indian AOIC H	Other AOIC H <sup>4</sup>	White AOIC H
<b>COTTONWOOD</b>							
2019 Total	8	24	21	139	8	5	83
2019 Anemia	0	2 (****)	1 (****)	12 (8.6)	5 (****)	1 (****)	11 (13.3)
2018 Total	6	25	18	160	<5	<5	90
2018 Anemia	0	6 (****)	4 (****)	21 (13.1)	0	0	8 (8.9)
2017 Total	13	24	21	162	<5	<5	89
2017 Anemia	2 (****)	8 (****)	12 (****)	59 (36.4)	0	0	16 (18.0)
2016 Total	13	25	19	149	6	6	93
2016 Anemia	3 (****)	5 (****)	2 (****)	20 (13.4)	0	2 (****)	12 (12.9)
2015 Total	22	39	15	162	7	<5	74
2015 Anemia	8 (****)	16 (41.0)	5 (****)	27 (16.7)	0	0	10 (13.5)
2014 Total	18	30	7	161	5	<5	84
2014 Anemia	0	10 (33.3)	0	20 (12.4)	0	0	9 (10.7)
2013 Total	23	28	9	183	6	5	82
2013 Anemia	3 (****)	8 (****)	1 (****)	27 (14.8)	0	0	9 (11.0)
2012 Total	21	30	9	202	8	5	94
2012 Anemia	5 (****)	8 (26.7)	5 (****)	40 (19.8)	0	1 (****)	18 (19.1)
2011 Total	26	29	7	201	<5	<5	86
2011 Anemia	4 (****)	6 (****)	0	26 (12.9)	0	1 (****)	8 (9.3)

**Anemia in Minnesota WIC Infants and Children by County and Race/Ethnicity  
Alone or in Combination with Other Races (AOIC)  
Minnesota WIC Information System**

County <sup>1</sup>	Amer Indian AOIC NH	Asian AOIC NH <sup>2</sup>	Black/ African-Amer AOIC NH <sup>3</sup>	White AOIC NH	American Indian AOIC H	Other AOIC H <sup>4</sup>	White AOIC H
<b>CROW WING</b>							
2019 Total	82	8	47	825	6	7	39
2019 Anemia	9 (11.0)	0	3 (6.4)	72 (8.7)	2 (****)	0	7 (17.9)
2018 Total	66	11	54	858	<5	8	43
2018 Anemia	8 (12.1)	1 (****)	5 (9.3)	113 (13.2)	2 (****)	1 (****)	9 (20.9)
2017 Total	65	13	72	938	9	11	42
2017 Anemia	9 (13.8)	3 (****)	16 (22.2)	175 (18.7)	2 (****)	2 (****)	10 (23.8)
2016 Total	78	16	69	999	<5	9	42
2016 Anemia	15 (19.2)	4 (****)	20 (29.0)	191 (19.1)	0	3 (****)	7 (16.7)
2015 Total	74	17	73	1,069	6	7	39
2015 Anemia	5 (6.8)	1 (****)	9 (12.3)	83 (7.8)	1 (****)	1 (****)	3 (7.7)
2014 Total	67	10	68	1,134	<5	<5	39
2014 Anemia	5 (7.5)	1 (****)	10 (14.7)	82 (7.2)	1 (****)	0	3 (7.7)
2013 Total	74	11	63	1,206	8	7	33
2013 Anemia	3 (4.1)	0	7 (11.1)	60 (5.0)	0	0	2 (6.1)
2012 Total	64	9	58	1,254	5	8	37
2012 Anemia	3 (4.7)	1 (****)	7 (12.1)	52 (4.1)	0	0	0
2011 Total	54	10	59	1,442	5	6	31
2011 Anemia	6 (11.1)	2 (****)	4 (6.8)	52 (3.6)	2 (****)	1 (****)	1 (3.2)

**Anemia in Minnesota WIC Infants and Children by County and Race/Ethnicity  
Alone or in Combination with Other Races (AOIC)  
Minnesota WIC Information System**

County <sup>1</sup>	Amer Indian AOIC NH	Asian AOIC NH <sup>2</sup>	Black/ African-Amer AOIC NH <sup>3</sup>	White AOIC NH	American Indian AOIC H	Other AOIC H <sup>4</sup>	White AOIC H
<b>DAKOTA</b>							
2019 Total	74	300	1,695	1,417	115	127	1,018
2019 Anemia	9 (12.2)	19 (6.3)	194 (11.4)	124 (8.8)	12 (10.4)	9 (7.1)	86 (8.4)
2018 Total	90	324	1,789	1,545	165	141	1,086
2018 Anemia	21 (23.3)	39 (12.0)	180 (10.1)	147 (9.5)	22 (13.3)	15 (10.6)	109 (10.0)
2017 Total	92	306	1,824	1,638	158	128	1,050
2017 Anemia	10 (10.9)	20 (6.5)	193 (10.6)	153 (9.3)	9 (5.7)	16 (12.5)	93 (8.9)
2016 Total	84	339	1,738	1,740	236	139	1,082
2016 Anemia	6 (7.1)	37 (10.9)	189 (10.9)	148 (8.5)	28 (11.9)	15 (10.8)	109 (10.1)
2015 Total	84	344	1,697	1,829	308	142	1,096
2015 Anemia	3 (3.6)	28 (8.1)	191 (11.3)	147 (8.0)	14 (4.5)	17 (12.0)	85 (7.8)
2014 Total	103	317	1,682	2,042	413	124	1,035
2014 Anemia	10 (9.7)	24 (7.6)	158 (9.4)	133 (6.5)	29 (7.0)	11 (8.9)	83 (8.0)
2013 Total	91	317	1,654	2,078	584	135	1,089
2013 Anemia	12 (13.2)	17 (5.4)	170 (10.3)	149 (7.2)	47 (8.0)	18 (13.3)	90 (8.3)
2012 Total	92	301	1,646	2,253	700	106	974
2012 Anemia	12 (13.0)	22 (7.3)	185 (11.2)	182 (8.1)	51 (7.3)	9 (8.5)	78 (8.0)
2011 Total	112	316	1,620	2,356	885	121	947
2011 Anemia	15 (13.4)	23 (7.3)	177 (10.9)	172 (7.3)	55 (6.2)	13 (10.7)	83 (8.8)

**Anemia in Minnesota WIC Infants and Children by County and Race/Ethnicity  
Alone or in Combination with Other Races (AOIC)  
Minnesota WIC Information System**

County <sup>1</sup>	Amer Indian AOIC NH	Asian AOIC NH <sup>2</sup>	Black/ African-Amer AOIC NH <sup>3</sup>	White AOIC NH	American Indian AOIC H	Other AOIC H <sup>4</sup>	White AOIC H
<b>DODGE</b>							
2019 Total	6	<5	17	176	<5	0	57
2019 Anemia	2 (****)	1 (****)	4 (****)	21 (11.9)	1 (****)	0	11 (19.3)
2018 Total	<5	5	16	205	<5	0	60
2018 Anemia	0	1 (****)	5 (****)	36 (17.6)	1 (****)	0	6 (10.0)
2017 Total	<5	5	11	208	<5	<5	67
2017 Anemia	0	0	3 (****)	35 (16.8)	2 (****)	0	10 (14.9)
2016 Total	<5	8	14	248	<5	<5	73
2016 Anemia	0	0	4 (****)	39 (15.7)	1 (****)	0	9 (12.3)
2015 Total	<5	11	22	233	<5	<5	85
2015 Anemia	1 (****)	2 (****)	9 (****)	33 (14.2)	1 (****)	0	11 (12.9)
2014 Total	<5	9	23	251	<5	0	77
2014 Anemia	3 (****)	2 (****)	5 (****)	37 (14.7)	1 (****)	0	12 (15.6)
2013 Total	6	7	20	272	<5	<5	55
2013 Anemia	1 (****)	1 (****)	4 (****)	35 (12.9)	1 (****)	2 (****)	12 (21.8)
2012 Total	5	7	22	295	6	<5	75
2012 Anemia	1 (****)	0	3 (****)	50 (16.9)	2 (****)	0	7 (9.3)
2011 Total	8	9	14	313	7	<5	83
2011 Anemia	1 (****)	0	4 (****)	36 (11.5)	2 (****)	0	7 (8.4)

**Anemia in Minnesota WIC Infants and Children by County and Race/Ethnicity  
Alone or in Combination with Other Races (AOIC)  
Minnesota WIC Information System**

County <sup>1</sup>	Amer Indian AOIC NH	Asian AOIC NH <sup>2</sup>	Black/ African-Amer AOIC NH <sup>3</sup>	White AOIC NH	American Indian AOIC H	Other AOIC H <sup>4</sup>	White AOIC H
<b>DOUGLAS</b>							
2019 Total	<5	9	26	427	<5	7	24
2019 Anemia	0	2 (****)	8 (****)	71 (16.6)	0	1 (****)	2 (****)
2018 Total	<5	6	25	467	<5	10	27
2018 Anemia	0	2 (****)	3 (****)	86 (18.4)	0	2 (****)	5 (****)
2017 Total	<5	<5	29	526	5	10	32
2017 Anemia	0	0	5 (****)	61 (11.6)	1 (****)	1 (****)	5 (15.6)
2016 Total	<5	6	24	521	<5	5	32
2016 Anemia	0	2 (****)	7 (****)	81 (15.5)	0	0	4 (12.5)
2015 Total	11	7	35	540	7	6	44
2015 Anemia	0	0	3 (8.6)	56 (10.4)	2 (****)	1 (****)	6 (13.6)
2014 Total	11	7	43	593	13	7	50
2014 Anemia	0	0	7 (16.3)	77 (13.0)	3 (****)	1 (****)	8 (16.0)
2013 Total	8	9	32	594	7	8	46
2013 Anemia	2 (****)	1 (****)	5 (15.6)	62 (10.4)	0	0	3 (6.5)
2012 Total	6	9	32	613	5	<5	43
2012 Anemia	0	0	4 (12.5)	64 (10.4)	0	0	2 (4.7)
2011 Total	<5	7	20	661	6	0	43
2011 Anemia	0	0	5 (****)	35 (5.3)	0	0	3 (7.0)

**Anemia in Minnesota WIC Infants and Children by County and Race/Ethnicity  
Alone or in Combination with Other Races (AOIC)  
Minnesota WIC Information System**

County <sup>1</sup>	Amer Indian AOIC NH	Asian AOIC NH <sup>2</sup>	Black/ African-Amer AOIC NH <sup>3</sup>	White AOIC NH	American Indian AOIC H	Other AOIC H <sup>4</sup>	White AOIC H
<b>FARIBAULT</b>							
2019 Total	<5	<5	11	138	<5	<5	64
2019 Anemia	1 (****)	0	3 (****)	14 (10.1)	0	0	11 (17.2)
2018 Total	<5	0	7	148	<5	<5	61
2018 Anemia	1 (****)	0	2 (****)	16 (10.8)	0	0	15 (24.6)
2017 Total	<5	<5	10	150	5	<5	62
2017 Anemia	2 (****)	0	2 (****)	39 (26.0)	1 (****)	0	13 (21.0)
2016 Total	5	<5	9	164	<5	<5	63
2016 Anemia	1 (****)	1 (****)	1 (****)	29 (17.7)	1 (****)	0	14 (22.2)
2015 Total	<5	7	9	184	6	<5	60
2015 Anemia	0	1 (****)	1 (****)	11 (6.0)	3 (****)	0	8 (13.3)
2014 Total	<5	7	5	214	6	0	60
2014 Anemia	1 (****)	1 (****)	1 (****)	16 (7.5)	1 (****)	0	6 (10.0)
2013 Total	6	7	7	222	6	<5	69
2013 Anemia	0	0	2 (****)	23 (10.4)	0	0	9 (13.0)
2012 Total	<5	<5	7	244	6	<5	68
2012 Anemia	1 (****)	0	1 (****)	14 (5.7)	2 (****)	0	4 (5.9)
2011 Total	<5	5	9	251	8	0	88
2011 Anemia	1 (****)	0	2 (****)	18 (7.2)	1 (****)	0	4 (4.5)

**Anemia in Minnesota WIC Infants and Children by County and Race/Ethnicity  
Alone or in Combination with Other Races (AOIC)  
Minnesota WIC Information System**

County <sup>1</sup>	Amer Indian AOIC NH	Asian AOIC NH <sup>2</sup>	Black/ African-Amer AOIC NH <sup>3</sup>	White AOIC NH	American Indian AOIC H	Other AOIC H <sup>4</sup>	White AOIC H
<b>FILLMORE</b>							
2019 Total	0	<5	9	268	0	<5	10
2019 Anemia	0	0	1 (****)	29 (10.8)	0	1 (****)	1 (****)
2018 Total	0	<5	15	276	0	<5	9
2018 Anemia	0	0	4 (****)	41 (14.9)	0	0	0
2017 Total	<5	<5	15	298	0	<5	12
2017 Anemia	1 (****)	0	2 (****)	35 (11.7)	0	0	1 (****)
2016 Total	<5	6	11	298	<5	<5	11
2016 Anemia	0	1 (****)	0	26 (8.7)	0	1 (****)	1 (****)
2015 Total	<5	6	17	297	<5	<5	19
2015 Anemia	1 (****)	0	1 (****)	28 (9.4)	0	1 (****)	1 (****)
2014 Total	<5	6	14	281	<5	<5	12
2014 Anemia	1 (****)	2 (****)	2 (****)	44 (15.7)	0	0	1 (****)
2013 Total	<5	<5	10	276	<5	<5	12
2013 Anemia	1 (****)	0	3 (****)	46 (16.7)	2 (****)	1 (****)	3 (****)
2012 Total	<5	<5	14	320	<5	<5	10
2012 Anemia	1 (****)	0	4 (****)	58 (18.1)	0	0	3 (****)
2011 Total	0	5	11	364	<5	<5	7
2011 Anemia	0	1 (****)	2 (****)	34 (9.3)	1 (****)	1 (****)	3 (****)



**Anemia in Minnesota WIC Infants and Children by County and Race/Ethnicity  
Alone or in Combination with Other Races (AOIC)  
Minnesota WIC Information System**

County <sup>1</sup>	Amer Indian AOIC NH	Asian AOIC NH <sup>2</sup>	Black/ African-Amer AOIC NH <sup>3</sup>	White AOIC NH	American Indian AOIC H	Other AOIC H <sup>4</sup>	White AOIC H
<b>FREEBORN</b>							
2019 Total	<5	83	48	303	6	8	159
2019 Anemia	0	11 (13.3)	0	8 (2.6)	0	0	8 (5.0)
2018 Total	<5	82	40	311	6	6	156
2018 Anemia	0	15 (18.3)	6 (15.0)	22 (7.1)	0	0	13 (8.3)
2017 Total	<5	72	40	343	<5	9	193
2017 Anemia	0	14 (19.4)	7 (17.5)	25 (7.3)	0	4 (****)	18 (9.3)
2016 Total	<5	76	51	382	<5	5	162
2016 Anemia	0	15 (19.7)	9 (17.6)	26 (6.8)	1 (****)	0	18 (11.1)
2015 Total	6	64	69	438	6	11	205
2015 Anemia	0	10 (15.6)	18 (26.1)	30 (6.8)	0	2 (****)	16 (7.8)
2014 Total	<5	41	62	451	<5	9	242
2014 Anemia	0	9 (22.0)	11 (17.7)	22 (4.9)	0	1 (****)	18 (7.4)
2013 Total	<5	34	53	446	7	14	235
2013 Anemia	0	8 (23.5)	11 (20.8)	14 (3.1)	0	2 (****)	10 (4.3)
2012 Total	<5	33	48	469	12	14	275
2012 Anemia	0	4 (12.1)	2 (4.2)	8 (1.7)	0	1 (****)	11 (4.0)
2011 Total	11	37	42	492	13	11	286
2011 Anemia	0	11 (29.7)	3 (7.1)	19 (3.9)	2 (****)	1 (****)	16 (5.6)

**Anemia in Minnesota WIC Infants and Children by County and Race/Ethnicity  
Alone or in Combination with Other Races (AOIC)  
Minnesota WIC Information System**

County <sup>1</sup>	Amer Indian AOIC NH	Asian AOIC NH <sup>2</sup>	Black/ African-Amer AOIC NH <sup>3</sup>	White AOIC NH	American Indian AOIC H	Other AOIC H <sup>4</sup>	White AOIC H
<b>GOODHUE</b>							
2019 Total	21	10	65	360	44	6	34
2019 Anemia	2 (****)	3 (****)	9 (13.8)	22 (6.1)	2 (4.5)	0	3 (8.8)
2018 Total	19	10	64	352	44	6	35
2018 Anemia	2 (****)	1 (****)	18 (28.1)	28 (8.0)	4 (9.1)	2 (****)	7 (20.0)
2017 Total	26	15	67	430	43	5	33
2017 Anemia	1 (****)	2 (****)	12 (17.9)	37 (8.6)	6 (14.0)	2 (****)	5 (15.2)
2016 Total	29	13	60	417	49	9	44
2016 Anemia	1 (****)	3 (****)	7 (11.7)	32 (7.7)	8 (16.3)	1 (****)	4 (9.1)
2015 Total	24	10	55	451	53	8	48
2015 Anemia	3 (****)	5 (****)	9 (16.4)	41 (9.1)	4 (7.5)	0	2 (4.2)
2014 Total	32	14	64	459	65	11	46
2014 Anemia	3 (9.4)	2 (****)	11 (17.2)	45 (9.8)	7 (10.8)	1 (****)	3 (6.5)
2013 Total	24	8	60	499	76	9	47
2013 Anemia	1 (****)	0	6 (10.0)	32 (6.4)	6 (7.9)	2 (****)	2 (4.3)
2012 Total	29	7	74	524	73	7	52
2012 Anemia	2 (****)	1 (****)	5 (6.8)	31 (5.9)	7 (9.6)	0	1 (1.9)
2011 Total	23	7	59	551	86	6	61
2011 Anemia	2 (****)	0	8 (13.6)	34 (6.2)	6 (7.0)	0	5 (8.2)

**Anemia in Minnesota WIC Infants and Children by County and Race/Ethnicity  
Alone or in Combination with Other Races (AOIC)  
Minnesota WIC Information System**

County <sup>1</sup>	Amer Indian AOIC NH	Asian AOIC NH <sup>2</sup>	Black/ African-Amer AOIC NH <sup>3</sup>	White AOIC NH	American Indian AOIC H	Other AOIC H <sup>4</sup>	White AOIC H
<b>GRANT</b>							
2019 Total	<5	0	<5	88	0	0	5
2019 Anemia	0	0	1 (****)	21 (23.9)	0	0	1 (****)
2018 Total	0	0	<5	109	0	0	10
2018 Anemia	0	0	1 (****)	21 (19.3)	0	0	2 (****)
2017 Total	<5	<5	<5	131	<5	<5	10
2017 Anemia	0	1 (****)	0	16 (12.2)	0	0	0
2016 Total	<5	<5	<5	135	<5	<5	9
2016 Anemia	0	0	0	15 (11.1)	0	0	4 (****)
2015 Total	<5	<5	<5	137	<5	<5	14
2015 Anemia	0	0	0	11 (8.0)	0	0	4 (****)
2014 Total	<5	<5	0	140	0	0	11
2014 Anemia	0	0	0	16 (11.4)	0	0	0
2013 Total	<5	<5	<5	123	0	0	8
2013 Anemia	0	0	0	10 (8.1)	0	0	0
2012 Total	<5	<5	<5	129	0	0	6
2012 Anemia	0	0	0	9 (7.0)	0	0	0
2011 Total	<5	<5	0	134	0	0	12
2011 Anemia	0	0	0	12 (9.0)	0	0	1 (****)

**Anemia in Minnesota WIC Infants and Children by County and Race/Ethnicity  
Alone or in Combination with Other Races (AOIC)  
Minnesota WIC Information System**

County <sup>1</sup>	Amer Indian AOIC NH	Asian AOIC NH <sup>2</sup>	Black/ African-Amer AOIC NH <sup>3</sup>	White AOIC NH	American Indian AOIC H	Other AOIC H <sup>4</sup>	White AOIC H
<b>HENNEPIN</b>							
2019 Total	412	1,788	8,245	2,376	520	336	2,467
2019 Anemia	65 (15.8)	280 (15.7)	1,787 (21.7)	328 (13.8)	76 (14.6)	52 (15.5)	343 (13.9)
2018 Total	527	2,061	9,422	2,729	710	384	2,889
2018 Anemia	100 (19.0)	356 (17.3)	2,060 (21.9)	407 (14.9)	111 (15.6)	51 (13.3)	437 (15.1)
2017 Total	556	2,307	10,090	3,144	989	423	3,244
2017 Anemia	113 (20.3)	359 (15.6)	2,115 (21.0)	439 (14.0)	158 (16.0)	79 (18.7)	507 (15.6)
2016 Total	651	2,391	10,509	3,354	1,185	451	3,415
2016 Anemia	138 (21.2)	344 (14.4)	2,167 (20.6)	443 (13.2)	179 (15.1)	86 (19.1)	526 (15.4)
2015 Total	695	2,501	10,569	3,485	1,490	458	3,713
2015 Anemia	145 (20.9)	366 (14.6)	2,244 (21.2)	462 (13.3)	238 (16.0)	77 (16.8)	577 (15.5)
2014 Total	777	2,467	10,560	3,738	1,838	489	3,897
2014 Anemia	152 (19.6)	388 (15.7)	2,078 (19.7)	534 (14.3)	273 (14.9)	96 (19.6)	595 (15.3)
2013 Total	743	2,432	10,166	3,860	2,058	454	4,124
2013 Anemia	137 (18.4)	345 (14.2)	1,939 (19.1)	488 (12.6)	303 (14.7)	88 (19.4)	603 (14.6)
2012 Total	761	2,254	9,758	3,846	2,240	449	4,345
2012 Anemia	114 (15.0)	319 (14.2)	1,884 (19.3)	444 (11.5)	277 (12.4)	68 (15.1)	566 (13.0)
2011 Total	773	2,376	10,179	4,216	2,480	474	4,987
2011 Anemia	142 (18.4)	346 (14.6)	1,919 (18.9)	498 (11.8)	352 (14.2)	80 (16.9)	618 (12.4)

**Anemia in Minnesota WIC Infants and Children by County and Race/Ethnicity  
Alone or in Combination with Other Races (AOIC)  
Minnesota WIC Information System**

County <sup>1</sup>	Amer Indian AOIC NH	Asian AOIC NH <sup>2</sup>	Black/ African-Amer AOIC NH <sup>3</sup>	White AOIC NH	American Indian AOIC H	Other AOIC H <sup>4</sup>	White AOIC H
<b>HOUSTON</b>							
2019 Total	6	10	10	175	0	<5	10
2019 Anemia	2 (****)	2 (****)	2 (****)	31 (17.7)	0	1 (****)	2 (****)
2018 Total	7	7	9	167	0	<5	13
2018 Anemia	2 (****)	1 (****)	1 (****)	22 (13.2)	0	0	1 (****)
2017 Total	<5	6	12	153	<5	<5	13
2017 Anemia	0	1 (****)	0	17 (11.1)	0	0	3 (****)
2016 Total	<5	<5	14	181	<5	<5	11
2016 Anemia	1 (****)	0	4 (****)	19 (10.5)	0	0	2 (****)
2015 Total	<5	<5	15	191	<5	<5	6
2015 Anemia	0	0	5 (****)	15 (7.9)	0	0	2 (****)
2014 Total	<5	0	10	191	0	0	5
2014 Anemia	0	0	2 (****)	23 (12.0)	0	0	0
2013 Total	0	<5	9	197	<5	0	7
2013 Anemia	0	0	2 (****)	15 (7.6)	0	0	0
2012 Total	0	<5	9	202	0	<5	8
2012 Anemia	0	0	0	18 (8.9)	0	0	0
2011 Total	0	<5	11	238	<5	<5	8
2011 Anemia	0	1 (****)	0	17 (7.1)	1 (****)	0	1 (****)

**Anemia in Minnesota WIC Infants and Children by County and Race/Ethnicity  
Alone or in Combination with Other Races (AOIC)  
Minnesota WIC Information System**

County <sup>1</sup>	Amer Indian AOIC NH	Asian AOIC NH <sup>2</sup>	Black/ African-Amer AOIC NH <sup>3</sup>	White AOIC NH	American Indian AOIC H	Other AOIC H <sup>4</sup>	White AOIC H
<b>HUBBARD</b>							
2019 Total	48	7	14	327	<5	5	25
2019 Anemia	8 (16.7)	0	2 (****)	22 (6.7)	0	0	0
2018 Total	46	9	18	352	5	5	28
2018 Anemia	3 (6.5)	2 (****)	1 (****)	28 (8.0)	1 (****)	0	5 (****)
2017 Total	61	<5	9	363	<5	<5	21
2017 Anemia	7 (11.5)	0	1 (****)	26 (7.2)	0	0	1 (****)
2016 Total	43	<5	13	340	5	<5	22
2016 Anemia	4 (9.3)	0	0	22 (6.5)	0	0	2 (****)
2015 Total	68	<5	16	384	<5	<5	24
2015 Anemia	5 (7.4)	0	3 (****)	27 (7.0)	0	0	1 (****)
2014 Total	50	<5	14	373	<5	<5	25
2014 Anemia	3 (6.0)	0	2 (****)	18 (4.8)	0	0	1 (****)
2013 Total	50	<5	20	401	<5	<5	23
2013 Anemia	7 (14.0)	0	3 (****)	23 (5.7)	0	0	1 (****)
2012 Total	45	<5	19	446	5	<5	25
2012 Anemia	1 (2.2)	0	6 (****)	20 (4.5)	0	0	2 (****)
2011 Total	41	<5	22	468	5	<5	30
2011 Anemia	2 (4.9)	0	3 (****)	16 (3.4)	1 (****)	0	0

**Anemia in Minnesota WIC Infants and Children by County and Race/Ethnicity  
Alone or in Combination with Other Races (AOIC)  
Minnesota WIC Information System**

County <sup>1</sup>	Amer Indian AOIC NH	Asian AOIC NH <sup>2</sup>	Black/ African-Amer AOIC NH <sup>3</sup>	White AOIC NH	American Indian AOIC H	Other AOIC H <sup>4</sup>	White AOIC H
<b>ISANTI</b>							
2019 Total	18	20	42	533	5	5	26
2019 Anemia	1 (****)	1 (****)	3 (7.1)	30 (5.6)	1 (****)	2 (****)	2 (****)
2018 Total	27	16	30	520	8	<5	39
2018 Anemia	1 (****)	1 (****)	2 (6.7)	23 (4.4)	0	1 (****)	4 (10.3)
2017 Total	32	20	34	569	6	<5	35
2017 Anemia	2 (6.2)	1 (****)	1 (2.9)	31 (5.4)	1 (****)	0	2 (5.7)
2016 Total	31	20	29	618	8	<5	37
2016 Anemia	1 (3.2)	2 (****)	6 (****)	29 (4.7)	0	0	2 (5.4)
2015 Total	40	16	26	633	<5	<5	28
2015 Anemia	3 (7.5)	0	1 (****)	35 (5.5)	0	0	0
2014 Total	20	23	27	593	<5	<5	34
2014 Anemia	1 (****)	1 (****)	2 (****)	25 (4.2)	0	0	0
2013 Total	17	24	27	623	5	<5	30
2013 Anemia	1 (****)	1 (****)	3 (****)	19 (3.0)	0	1 (****)	0
2012 Total	22	22	27	721	<5	<5	34
2012 Anemia	1 (****)	2 (****)	0	34 (4.7)	0	0	2 (5.9)
2011 Total	16	21	24	721	5	6	41
2011 Anemia	1 (****)	2 (****)	2 (****)	30 (4.2)	0	0	1 (2.4)

**Anemia in Minnesota WIC Infants and Children by County and Race/Ethnicity  
Alone or in Combination with Other Races (AOIC)  
Minnesota WIC Information System**

County <sup>1</sup>	Amer Indian AOIC NH	Asian AOIC NH <sup>2</sup>	Black/ African-Amer AOIC NH <sup>3</sup>	White AOIC NH	American Indian AOIC H	Other AOIC H <sup>4</sup>	White AOIC H
<b>ITASCA</b>							
2019 Total	139	13	42	570	<5	0	21
2019 Anemia	20 (14.4)	0	6 (14.3)	40 (7.0)	0	0	0
2018 Total	141	17	37	565	<5	<5	23
2018 Anemia	25 (17.7)	1 (****)	6 (16.2)	54 (9.6)	0	0	3 (****)
2017 Total	136	14	25	578	<5	<5	27
2017 Anemia	20 (14.7)	0	3 (****)	34 (5.9)	0	1 (****)	2 (****)
2016 Total	122	16	25	623	<5	<5	26
2016 Anemia	24 (19.7)	1 (****)	4 (****)	49 (7.9)	0	0	1 (****)
2015 Total	152	16	25	643	5	<5	24
2015 Anemia	26 (17.1)	4 (****)	5 (****)	61 (9.5)	0	0	3 (****)
2014 Total	151	9	14	615	6	<5	23
2014 Anemia	23 (15.2)	1 (****)	1 (****)	41 (6.7)	2 (****)	0	2 (****)
2013 Total	153	9	17	640	8	<5	31
2013 Anemia	29 (19.0)	2 (****)	2 (****)	56 (8.8)	2 (****)	0	4 (12.9)
2012 Total	166	6	17	688	8	9	25
2012 Anemia	25 (15.1)	1 (****)	3 (****)	36 (5.2)	1 (****)	0	0
2011 Total	177	9	15	739	9	8	32
2011 Anemia	14 (7.9)	2 (****)	1 (****)	54 (7.3)	0	0	2 (6.2)



**Anemia in Minnesota WIC Infants and Children by County and Race/Ethnicity  
Alone or in Combination with Other Races (AOIC)  
Minnesota WIC Information System**

County <sup>1</sup>	Amer Indian AOIC NH	Asian AOIC NH <sup>2</sup>	Black/ African-Amer AOIC NH <sup>3</sup>	White AOIC NH	American Indian AOIC H	Other AOIC H <sup>4</sup>	White AOIC H
<b>JACKSON</b>							
2019 Total	5	7	11	105	0	5	18
2019 Anemia	0	1 (****)	3 (****)	9 (8.6)	0	1 (****)	4 (****)
2018 Total	<5	6	17	90	0	<5	15
2018 Anemia	0	1 (****)	3 (****)	16 (17.8)	0	0	6 (****)
2017 Total	<5	5	12	98	<5	<5	13
2017 Anemia	2 (****)	3 (****)	4 (****)	27 (27.6)	0	2 (****)	8 (****)
2016 Total	6	6	9	113	<5	<5	16
2016 Anemia	0	1 (****)	2 (****)	11 (9.7)	0	0	2 (****)
2015 Total	12	12	12	132	<5	<5	12
2015 Anemia	1 (****)	0	3 (****)	14 (10.6)	0	1 (****)	1 (****)
2014 Total	10	9	7	109	5	<5	20
2014 Anemia	2 (****)	1 (****)	3 (****)	18 (16.5)	0	0	1 (****)
2013 Total	19	11	6	128	<5	0	20
2013 Anemia	4 (****)	2 (****)	0	13 (10.2)	1 (****)	0	3 (****)
2012 Total	18	9	6	135	<5	0	20
2012 Anemia	5 (****)	3 (****)	3 (****)	27 (20.0)	1 (****)	0	4 (****)
2011 Total	14	14	5	148	<5	<5	17
2011 Anemia	0	0	0	13 (8.8)	1 (****)	0	3 (****)

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

County <sup>1</sup>	Amer Indian AOIC NH	Asian AOIC NH <sup>2</sup>	Black/ African-Amer AOIC NH <sup>3</sup>	White AOIC NH	American Indian AOIC H	Other AOIC H <sup>4</sup>	White AOIC H
<b>KANABEC</b>							
2019 Total	15	11	<5	264	<5	<5	15
2019 Anemia	1 (****)	1 (****)	0	38 (14.4)	1 (****)	0	2 (****)
2018 Total	16	13	10	269	<5	<5	19
2018 Anemia	3 (****)	2 (****)	2 (****)	43 (16.0)	0	0	2 (****)
2017 Total	19	8	15	261	<5	6	18
2017 Anemia	3 (****)	2 (****)	4 (****)	33 (12.6)	1 (****)	1 (****)	2 (****)
2016 Total	15	7	13	278	<5	<5	19
2016 Anemia	3 (****)	3 (****)	1 (****)	44 (15.8)	0	0	1 (****)
2015 Total	11	<5	7	272	<5	6	24
2015 Anemia	4 (****)	0	4 (****)	37 (13.6)	0	1 (****)	4 (****)
2014 Total	9	<5	12	290	<5	<5	21
2014 Anemia	1 (****)	0	2 (****)	43 (14.8)	0	1 (****)	1 (****)
2013 Total	8	5	9	294	0	<5	23
2013 Anemia	1 (****)	0	1 (****)	44 (15.0)	0	1 (****)	3 (****)
2012 Total	10	0	9	292	5	<5	18
2012 Anemia	1 (****)	0	2 (****)	39 (13.4)	1 (****)	1 (****)	2 (****)
2011 Total	8	<5	5	333	6	<5	22
2011 Anemia	2 (****)	0	1 (****)	36 (10.8)	0	0	0

**Anemia in Minnesota WIC Infants and Children by County and Race/Ethnicity  
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County <sup>1</sup>	Amer Indian AOIC NH	Asian AOIC NH <sup>2</sup>	Black/ African-Amer AOIC NH <sup>3</sup>	White AOIC NH	American Indian AOIC H	Other AOIC H <sup>4</sup>	White AOIC H
<b>KANDIYOHI</b>							
2019 Total	15	42	398	372	10	9	402
2019 Anemia	3 (****)	4 (9.5)	61 (15.3)	41 (11.0)	0	0	52 (12.9)
2018 Total	9	48	392	388	10	9	396
2018 Anemia	2 (****)	12 (25.0)	56 (14.3)	26 (6.7)	0	1 (****)	41 (10.4)
2017 Total	10	26	388	423	10	7	385
2017 Anemia	2 (****)	2 (****)	59 (15.2)	30 (7.1)	1 (****)	1 (****)	48 (12.5)
2016 Total	11	23	367	452	7	6	394
2016 Anemia	1 (****)	5 (****)	53 (14.4)	39 (8.6)	0	0	34 (8.6)
2015 Total	8	18	341	421	8	7	414
2015 Anemia	3 (****)	1 (****)	51 (15.0)	43 (10.2)	0	1 (****)	41 (9.9)
2014 Total	5	16	290	456	9	<5	398
2014 Anemia	2 (****)	1 (****)	45 (15.5)	35 (7.7)	1 (****)	1 (****)	26 (6.5)
2013 Total	<5	17	235	466	7	<5	431
2013 Anemia	0	2 (****)	35 (14.9)	40 (8.6)	1 (****)	0	45 (10.4)
2012 Total	7	14	178	537	11	<5	452
2012 Anemia	0	2 (****)	30 (16.9)	43 (8.0)	2 (****)	0	56 (12.4)
2011 Total	10	16	157	613	5	6	440
2011 Anemia	0	3 (****)	23 (14.6)	36 (5.9)	0	0	53 (12.0)

**Anemia in Minnesota WIC Infants and Children by County and Race/Ethnicity  
Alone or in Combination with Other Races (AOIC)  
Minnesota WIC Information System**

County <sup>1</sup>	Amer Indian AOIC NH	Asian AOIC NH <sup>2</sup>	Black/ African-Amer AOIC NH <sup>3</sup>	White AOIC NH	American Indian AOIC H	Other AOIC H <sup>4</sup>	White AOIC H
<b>KITSON</b>							
2019 Total	<5	<5	0	61	0	0	5
2019 Anemia	0	1 (****)	0	3 (4.9)	0	0	0
2018 Total	<5	<5	<5	84	0	0	5
2018 Anemia	0	0	0	1 (1.2)	0	0	0
2017 Total	0	<5	0	59	0	0	<5
2017 Anemia	0	0	0	3 (5.1)	0	0	0
2016 Total	<5	<5	<5	68	<5	<5	<5
2016 Anemia	0	0	0	3 (4.4)	0	0	0
2015 Total	<5	<5	<5	82	<5	<5	<5
2015 Anemia	0	0	0	2 (2.4)	0	0	0
2014 Total	<5	<5	0	76	0	<5	5
2014 Anemia	0	0	0	2 (2.6)	0	0	0
2013 Total	<5	<5	<5	85	0	<5	5
2013 Anemia	0	0	0	1 (1.2)	0	0	0
2012 Total	0	0	0	95	0	<5	<5
2012 Anemia	0	0	0	3 (3.2)	0	0	0
2011 Total	0	0	<5	98	0	0	<5
2011 Anemia	0	0	0	6 (6.1)	0	0	0

**Anemia in Minnesota WIC Infants and Children by County and Race/Ethnicity  
Alone or in Combination with Other Races (AOIC)  
Minnesota WIC Information System**

County <sup>1</sup>	Amer Indian AOIC NH	Asian AOIC NH <sup>2</sup>	Black/ African-Amer AOIC NH <sup>3</sup>	White AOIC NH	American Indian AOIC H	Other AOIC H <sup>4</sup>	White AOIC H
<b>KOOCHICHING</b>							
2019 Total	10	0	<5	118	0	0	0
2019 Anemia	1 (****)	0	0	3 (2.5)	0	0	0
2018 Total	9	0	8	146	0	0	<5
2018 Anemia	0	0	1 (****)	15 (10.3)	0	0	0
2017 Total	12	<5	6	151	0	0	<5
2017 Anemia	1 (****)	0	2 (****)	20 (13.2)	0	0	0
2016 Total	7	<5	6	145	<5	<5	<5
2016 Anemia	1 (****)	1 (****)	1 (****)	16 (11.0)	0	0	0
2015 Total	7	<5	<5	174	<5	<5	<5
2015 Anemia	1 (****)	0	0	10 (5.7)	0	0	0
2014 Total	9	<5	8	210	0	0	<5
2014 Anemia	0	1 (****)	1 (****)	25 (11.9)	0	0	1 (****)
2013 Total	9	0	5	202	0	0	5
2013 Anemia	0	0	1 (****)	22 (10.9)	0	0	1 (****)
2012 Total	12	0	6	222	0	0	8
2012 Anemia	1 (****)	0	1 (****)	26 (11.7)	0	0	2 (****)
2011 Total	13	<5	11	236	0	<5	10
2011 Anemia	0	0	1 (****)	19 (8.1)	0	1 (****)	3 (****)

**Anemia in Minnesota WIC Infants and Children by County and Race/Ethnicity  
Alone or in Combination with Other Races (AOIC)  
Minnesota WIC Information System**

County <sup>1</sup>	Amer Indian AOIC NH	Asian AOIC NH <sup>2</sup>	Black/ African-Amer AOIC NH <sup>3</sup>	White AOIC NH	American Indian AOIC H	Other AOIC H <sup>4</sup>	White AOIC H
<b>LAC QUI PARLE</b>							
2019 Total	0	0	0	58	<5	0	7
2019 Anemia	0	0	0	7 (12.1)	2 (****)	0	1 (****)
2018 Total	<5	0	<5	70	<5	0	9
2018 Anemia	0	0	0	2 (2.9)	2 (****)	0	1 (****)
2017 Total	<5	<5	0	73	<5	0	7
2017 Anemia	0	1 (****)	0	4 (5.5)	1 (****)	0	0
2016 Total	<5	<5	<5	73	<5	<5	11
2016 Anemia	0	0	0	6 (8.2)	0	0	0
2015 Total	<5	<5	<5	83	<5	<5	11
2015 Anemia	0	0	0	5 (6.0)	0	1 (****)	1 (****)
2014 Total	0	0	<5	92	<5	<5	17
2014 Anemia	0	0	0	9 (9.8)	0	0	1 (****)
2013 Total	0	0	0	104	<5	<5	18
2013 Anemia	0	0	0	9 (8.7)	0	0	0
2012 Total	<5	0	<5	108	<5	<5	15
2012 Anemia	1 (****)	0	0	5 (4.6)	0	0	0
2011 Total	<5	<5	<5	121	0	<5	11
2011 Anemia	1 (****)	0	0	11 (9.1)	0	0	1 (****)

**Anemia in Minnesota WIC Infants and Children by County and Race/Ethnicity  
Alone or in Combination with Other Races (AOIC)  
Minnesota WIC Information System**

County <sup>1</sup>	Amer Indian AOIC NH	Asian AOIC NH <sup>2</sup>	Black/ African-Amer AOIC NH <sup>3</sup>	White AOIC NH	American Indian AOIC H	Other AOIC H <sup>4</sup>	White AOIC H
<b>LAKE</b>							
2019 Total	<5	<5	<5	146	0	<5	<5
2019 Anemia	0	1 (****)	1 (****)	18 (12.3)	0	1 (****)	1 (****)
2018 Total	<5	<5	<5	136	0	<5	<5
2018 Anemia	0	0	0	14 (10.3)	0	0	0
2017 Total	<5	<5	<5	156	<5	0	<5
2017 Anemia	0	0	0	16 (10.3)	0	0	0
2016 Total	<5	<5	<5	153	<5	<5	<5
2016 Anemia	0	0	0	15 (9.8)	0	0	1 (****)
2015 Total	<5	<5	<5	146	<5	<5	<5
2015 Anemia	0	0	0	22 (15.1)	0	0	1 (****)
2014 Total	0	0	5	149	0	0	<5
2014 Anemia	0	0	1 (****)	25 (16.8)	0	0	0
2013 Total	0	<5	<5	139	0	0	<5
2013 Anemia	0	0	0	25 (18.0)	0	0	0
2012 Total	<5	<5	<5	168	0	0	<5
2012 Anemia	0	0	0	11 (6.5)	0	0	1 (****)
2011 Total	<5	<5	<5	187	0	<5	<5
2011 Anemia	0	0	0	13 (7.0)	0	1 (****)	0

**Anemia in Minnesota WIC Infants and Children by County and Race/Ethnicity  
Alone or in Combination with Other Races (AOIC)  
Minnesota WIC Information System**

County <sup>1</sup>	Amer Indian AOIC NH	Asian AOIC NH <sup>2</sup>	Black/ African-Amer AOIC NH <sup>3</sup>	White AOIC NH	American Indian AOIC H	Other AOIC H <sup>4</sup>	White AOIC H
<b>LAKE OF THE WOODS</b>							
2019 Total	0	<5	<5	50	0	0	<5
2019 Anemia	0	2 (****)	0	5 (10.0)	0	0	0
2018 Total	<5	<5	5	57	0	0	<5
2018 Anemia	1 (****)	2 (****)	0	7 (12.3)	0	0	0
2017 Total	8	<5	5	65	0	0	<5
2017 Anemia	5 (****)	2 (****)	0	16 (24.6)	0	0	0
2016 Total	<5	<5	6	69	<5	<5	<5
2016 Anemia	0	1 (****)	1 (****)	5 (7.2)	0	0	0
2015 Total	5	<5	5	66	<5	<5	<5
2015 Anemia	0	1 (****)	0	5 (7.6)	0	0	0
2014 Total	5	<5	<5	64	0	0	<5
2014 Anemia	0	1 (****)	0	8 (12.5)	0	0	0
2013 Total	<5	<5	<5	68	0	<5	<5
2013 Anemia	0	0	0	7 (10.3)	0	1 (****)	1 (****)
2012 Total	<5	<5	0	58	0	<5	<5
2012 Anemia	0	1 (****)	0	5 (8.6)	0	1 (****)	1 (****)
2011 Total	<5	<5	<5	70	0	0	<5
2011 Anemia	0	1 (****)	0	10 (14.3)	0	0	0



**Anemia in Minnesota WIC Infants and Children by County and Race/Ethnicity  
Alone or in Combination with Other Races (AOIC)  
Minnesota WIC Information System**

County <sup>1</sup>	Amer Indian AOIC NH	Asian AOIC NH <sup>2</sup>	Black/ African-Amer AOIC NH <sup>3</sup>	White AOIC NH	American Indian AOIC H	Other AOIC H <sup>4</sup>	White AOIC H
<b>LE SUEUR</b>							
2019 Total	<5	<5	33	222	<5	6	92
2019 Anemia	2 (****)	2 (****)	5 (15.2)	28 (12.6)	0	1 (****)	12 (13.0)
2018 Total	<5	<5	23	204	<5	<5	107
2018 Anemia	0	4 (****)	7 (****)	46 (22.5)	0	2 (****)	22 (20.6)
2017 Total	5	<5	23	251	<5	<5	133
2017 Anemia	1 (****)	1 (****)	6 (****)	45 (17.9)	2 (****)	2 (****)	31 (23.3)
2016 Total	5	<5	28	242	<5	<5	128
2016 Anemia	1 (****)	0	3 (****)	24 (9.9)	0	1 (****)	11 (8.6)
2015 Total	9	<5	20	257	<5	<5	120
2015 Anemia	0	0	0	13 (5.1)	0	0	5 (4.2)
2014 Total	<5	5	16	262	<5	<5	122
2014 Anemia	0	2 (****)	0	17 (6.5)	0	0	12 (9.8)
2013 Total	6	<5	26	270	0	0	121
2013 Anemia	0	0	0	12 (4.4)	0	0	11 (9.1)
2012 Total	9	5	19	288	<5	<5	115
2012 Anemia	0	1 (****)	2 (****)	23 (8.0)	0	0	16 (13.9)
2011 Total	11	<5	17	292	5	5	122
2011 Anemia	1 (****)	0	1 (****)	26 (8.9)	0	0	19 (15.6)

**Anemia in Minnesota WIC Infants and Children by County and Race/Ethnicity  
Alone or in Combination with Other Races (AOIC)  
Minnesota WIC Information System**

County <sup>1</sup>	Amer Indian AOIC NH	Asian AOIC NH <sup>2</sup>	Black/ African-Amer AOIC NH <sup>3</sup>	White AOIC NH	American Indian AOIC H	Other AOIC H <sup>4</sup>	White AOIC H
<b>LINCOLN</b>							
2019 Total	<5	<5	<5	74	0	<5	11
2019 Anemia	0	0	0	1 (1.4)	0	0	0
2018 Total	<5	<5	0	72	0	<5	8
2018 Anemia	0	0	0	3 (4.2)	0	0	0
2017 Total	<5	<5	<5	69	0	0	9
2017 Anemia	0	0	0	0	0	0	0
2016 Total	<5	<5	<5	82	<5	<5	7
2016 Anemia	0	0	0	2 (2.4)	0	0	0
2015 Total	<5	<5	5	87	<5	<5	13
2015 Anemia	0	0	0	3 (3.4)	0	0	0
2014 Total	<5	0	<5	79	0	0	10
2014 Anemia	0	0	0	4 (5.1)	0	0	1 (****)
2013 Total	<5	0	<5	85	0	<5	11
2013 Anemia	0	0	0	2 (2.4)	0	0	1 (****)
2012 Total	<5	0	<5	83	0	<5	9
2012 Anemia	0	0	0	5 (6.0)	0	0	4 (****)
2011 Total	<5	0	<5	96	0	<5	15
2011 Anemia	0	0	0	4 (4.2)	0	0	3 (****)

**Anemia in Minnesota WIC Infants and Children by County and Race/Ethnicity  
Alone or in Combination with Other Races (AOIC)  
Minnesota WIC Information System**

County <sup>1</sup>	Amer Indian AOIC NH	Asian AOIC NH <sup>2</sup>	Black/ African-Amer AOIC NH <sup>3</sup>	White AOIC NH	American Indian AOIC H	Other AOIC H <sup>4</sup>	White AOIC H
<b>LYON</b>							
2019 Total	8	126	122	344	<5	14	172
2019 Anemia	2 (****)	12 (9.5)	11 (9.0)	11 (3.2)	0	2 (****)	9 (5.2)
2018 Total	6	115	122	368	<5	17	179
2018 Anemia	1 (****)	11 (9.6)	13 (10.7)	11 (3.0)	0	1 (****)	7 (3.9)
2017 Total	7	121	117	336	7	16	173
2017 Anemia	2 (****)	8 (6.6)	18 (15.4)	10 (3.0)	0	3 (****)	11 (6.4)
2016 Total	7	113	134	378	6	11	163
2016 Anemia	0	8 (7.1)	4 (3.0)	14 (3.7)	0	0	8 (4.9)
2015 Total	7	111	136	374	7	12	159
2015 Anemia	0	12 (10.8)	9 (6.6)	15 (4.0)	0	1 (****)	6 (3.8)
2014 Total	7	74	112	359	<5	6	133
2014 Anemia	0	6 (8.1)	5 (4.5)	6 (1.7)	0	2 (****)	11 (8.3)
2013 Total	6	66	101	390	<5	6	152
2013 Anemia	1 (****)	3 (4.5)	9 (8.9)	17 (4.4)	0	1 (****)	9 (5.9)
2012 Total	<5	57	92	405	<5	5	178
2012 Anemia	0	4 (7.0)	7 (7.6)	12 (3.0)	0	0	9 (5.1)
2011 Total	5	50	88	426	<5	7	191
2011 Anemia	0	3 (6.0)	6 (6.8)	18 (4.2)	0	0	4 (2.1)

**Anemia in Minnesota WIC Infants and Children by County and Race/Ethnicity  
Alone or in Combination with Other Races (AOIC)  
Minnesota WIC Information System**

County <sup>1</sup>	Amer Indian AOIC NH	Asian AOIC NH <sup>2</sup>	Black/ African-Amer AOIC NH <sup>3</sup>	White AOIC NH	American Indian AOIC H	Other AOIC H <sup>4</sup>	White AOIC H
<b>MAHONOMEN</b>							
2019 Total	212	<5	6	43	22	0	9
2019 Anemia	18 (8.5)	0	0	2 (4.7)	1 (****)	0	0
2018 Total	231	<5	<5	57	20	<5	7
2018 Anemia	20 (8.7)	0	0	7 (12.3)	0	0	0
2017 Total	273	<5	<5	64	20	0	<5
2017 Anemia	24 (8.8)	0	0	5 (7.8)	1 (****)	0	0
2016 Total	253	<5	<5	61	22	<5	<5
2016 Anemia	23 (9.1)	1 (****)	1 (****)	2 (3.3)	3 (****)	0	0
2015 Total	262	<5	5	70	23	<5	8
2015 Anemia	28 (10.7)	0	0	10 (14.3)	4 (****)	0	1 (****)
2014 Total	285	<5	8	89	18	0	5
2014 Anemia	15 (5.3)	0	0	7 (7.9)	1 (****)	0	0
2013 Total	271	<5	8	103	20	<5	9
2013 Anemia	32 (11.8)	0	0	11 (10.7)	2 (****)	0	0
2012 Total	255	5	9	98	23	0	13
2012 Anemia	37 (14.5)	1 (****)	1 (****)	9 (9.2)	4 (****)	0	1 (****)
2011 Total	257	<5	5	109	19	<5	15
2011 Anemia	21 (8.2)	1 (****)	1 (****)	8 (7.3)	2 (****)	0	2 (****)

**Anemia in Minnesota WIC Infants and Children by County and Race/Ethnicity  
Alone or in Combination with Other Races (AOIC)  
Minnesota WIC Information System**

County <sup>1</sup>	Amer Indian AOIC NH	Asian AOIC NH <sup>2</sup>	Black/ African-Amer AOIC NH <sup>3</sup>	White AOIC NH	American Indian AOIC H	Other AOIC H <sup>4</sup>	White AOIC H
<b>MARSHALL</b>							
2019 Total	<5	0	<5	140	<5	0	28
2019 Anemia	0	0	1 (****)	3 (2.1)	0	0	1 (****)
2018 Total	5	<5	<5	134	<5	<5	29
2018 Anemia	0	0	0	0	0	0	2 (****)
2017 Total	5	<5	<5	162	<5	<5	32
2017 Anemia	0	0	0	3 (1.9)	0	0	2 (6.2)
2016 Total	6	<5	<5	178	<5	<5	21
2016 Anemia	0	0	0	8 (4.5)	0	0	0
2015 Total	10	<5	<5	160	<5	<5	23
2015 Anemia	0	0	0	6 (3.8)	0	0	1 (****)
2014 Total	9	<5	<5	166	<5	<5	31
2014 Anemia	0	0	0	2 (1.2)	0	0	0
2013 Total	8	<5	<5	158	<5	0	20
2013 Anemia	0	0	0	3 (1.9)	0	0	1 (****)
2012 Total	<5	<5	<5	169	<5	0	15
2012 Anemia	0	0	0	11 (6.5)	0	0	1 (****)
2011 Total	<5	<5	<5	191	0	<5	18
2011 Anemia	0	0	0	5 (2.6)	0	0	2 (****)

**Anemia in Minnesota WIC Infants and Children by County and Race/Ethnicity  
Alone or in Combination with Other Races (AOIC)  
Minnesota WIC Information System**

County <sup>1</sup>	Amer Indian AOIC NH	Asian AOIC NH <sup>2</sup>	Black/ African-Amer AOIC NH <sup>3</sup>	White AOIC NH	American Indian AOIC H	Other AOIC H <sup>4</sup>	White AOIC H
<b>MARTIN</b>							
2019 Total	<5	<5	8	243	0	<5	122
2019 Anemia	0	0	0	16 (6.6)	0	1 (****)	11 (9.0)
2018 Total	<5	5	9	227	<5	<5	106
2018 Anemia	1 (****)	0	1 (****)	31 (13.7)	0	0	17 (16.0)
2017 Total	5	6	8	276	<5	<5	110
2017 Anemia	0	0	1 (****)	34 (12.3)	0	0	16 (14.5)
2016 Total	5	5	10	319	<5	5	83
2016 Anemia	0	1 (****)	1 (****)	25 (7.8)	0	0	10 (12.0)
2015 Total	5	<5	16	318	<5	5	79
2015 Anemia	1 (****)	0	6 (****)	63 (19.8)	0	1 (****)	14 (17.7)
2014 Total	<5	<5	16	362	<5	<5	76
2014 Anemia	0	0	4 (****)	57 (15.7)	0	1 (****)	7 (9.2)
2013 Total	<5	<5	12	333	<5	<5	61
2013 Anemia	0	0	1 (****)	24 (7.2)	0	1 (****)	9 (14.8)
2012 Total	8	6	20	349	<5	<5	72
2012 Anemia	1 (****)	0	4 (****)	34 (9.7)	0	1 (****)	5 (6.9)
2011 Total	11	5	14	376	<5	<5	68
2011 Anemia	0	0	0	31 (8.2)	0	0	10 (14.7)

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

County <sup>1</sup>	Amer Indian AOIC NH	Asian AOIC NH <sup>2</sup>	Black/ African-Amer AOIC NH <sup>3</sup>	White AOIC NH	American Indian AOIC H	Other AOIC H <sup>4</sup>	White AOIC H
<b>MCLEOD</b>							
2019 Total	7	6	27	358	5	<5	139
2019 Anemia	3 (****)	0	5 (****)	27 (7.5)	2 (****)	0	18 (12.9)
2018 Total	10	<5	26	357	<5	<5	152
2018 Anemia	2 (****)	0	4 (****)	35 (9.8)	0	1 (****)	25 (16.4)
2017 Total	9	6	33	397	<5	0	159
2017 Anemia	0	0	6 (18.2)	53 (13.4)	0	0	23 (14.5)
2016 Total	12	16	23	405	<5	<5	150
2016 Anemia	2 (****)	0	5 (****)	40 (9.9)	0	1 (****)	23 (15.3)
2015 Total	13	8	27	423	<5	<5	159
2015 Anemia	2 (****)	0	2 (****)	54 (12.8)	0	0	19 (11.9)
2014 Total	11	12	32	477	<5	<5	142
2014 Anemia	0	0	0	30 (6.3)	0	0	15 (10.6)
2013 Total	14	11	32	480	<5	<5	131
2013 Anemia	3 (****)	0	2 (6.2)	34 (7.1)	0	2 (****)	13 (9.9)
2012 Total	8	11	34	469	<5	<5	137
2012 Anemia	0	0	2 (5.9)	27 (5.8)	0	2 (****)	13 (9.5)
2011 Total	7	12	28	549	6	<5	161
2011 Anemia	0	2 (****)	1 (****)	36 (6.6)	0	0	16 (9.9)

**Anemia in Minnesota WIC Infants and Children by County and Race/Ethnicity  
Alone or in Combination with Other Races (AOIC)  
Minnesota WIC Information System**

County <sup>1</sup>	Amer Indian AOIC NH	Asian AOIC NH <sup>2</sup>	Black/ African-Amer AOIC NH <sup>3</sup>	White AOIC NH	American Indian AOIC H	Other AOIC H <sup>4</sup>	White AOIC H
<b>MEEKER</b>							
2019 Total	<5	0	17	332	<5	<5	60
2019 Anemia	1 (****)	0	0	33 (9.9)	0	0	5 (8.3)
2018 Total	<5	<5	16	338	<5	0	45
2018 Anemia	1 (****)	0	5 (****)	39 (11.5)	0	0	6 (13.3)
2017 Total	7	<5	13	357	<5	<5	49
2017 Anemia	3 (****)	0	5 (****)	54 (15.1)	0	0	4 (8.2)
2016 Total	6	5	16	339	<5	<5	55
2016 Anemia	1 (****)	0	4 (****)	41 (12.1)	0	0	6 (10.9)
2015 Total	<5	<5	11	355	<5	<5	46
2015 Anemia	1 (****)	1 (****)	1 (****)	31 (8.7)	0	0	4 (8.7)
2014 Total	<5	<5	16	363	0	0	38
2014 Anemia	1 (****)	1 (****)	3 (****)	34 (9.4)	0	0	1 (2.6)
2013 Total	<5	<5	13	392	<5	<5	43
2013 Anemia	0	0	0	26 (6.6)	0	0	4 (9.3)
2012 Total	<5	<5	14	424	<5	<5	45
2012 Anemia	0	0	1 (****)	9 (2.1)	0	1 (****)	3 (6.7)
2011 Total	<5	<5	11	453	<5	<5	67
2011 Anemia	1 (****)	1 (****)	5 (****)	26 (5.7)	0	0	3 (4.5)



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

County <sup>1</sup>	Amer Indian AOIC NH	Asian AOIC NH <sup>2</sup>	Black/ African-Amer AOIC NH <sup>3</sup>	White AOIC NH	American Indian AOIC H	Other AOIC H <sup>4</sup>	White AOIC H
<b>MILLE LACS CO</b>							
2019 Total	127	6	18	432	9	<5	20
2019 Anemia	32 (25.2)	1 (****)	3 (****)	51 (11.8)	0	0	2 (****)
2018 Total	152	8	16	442	5	<5	19
2018 Anemia	22 (14.5)	1 (****)	2 (****)	42 (9.5)	2 (****)	2 (****)	4 (****)
2017 Total	143	15	20	437	7	<5	18
2017 Anemia	34 (23.8)	2 (****)	2 (****)	46 (10.5)	2 (****)	2 (****)	4 (****)
2016 Total	134	17	19	415	9	<5	22
2016 Anemia	34 (25.4)	1 (****)	1 (****)	56 (13.5)	3 (****)	1 (****)	5 (****)
2015 Total	132	12	23	457	12	5	23
2015 Anemia	11 (8.3)	2 (****)	4 (****)	47 (10.3)	1 (****)	1 (****)	2 (****)
2014 Total	144	<5	20	470	9	<5	16
2014 Anemia	24 (16.7)	0	3 (****)	77 (16.4)	3 (****)	0	4 (****)
2013 Total	139	5	19	479	11	<5	25
2013 Anemia	18 (12.9)	0	3 (****)	57 (11.9)	3 (****)	1 (****)	4 (****)
2012 Total	150	10	14	498	11	<5	20
2012 Anemia	16 (10.7)	2 (****)	2 (****)	35 (7.0)	1 (****)	0	0
2011 Total	180	8	21	585	11	<5	26
2011 Anemia	29 (16.1)	1 (****)	1 (****)	39 (6.7)	0	0	3 (****)

**Anemia in Minnesota WIC Infants and Children by County and Race/Ethnicity  
Alone or in Combination with Other Races (AOIC)  
Minnesota WIC Information System**

County <sup>1</sup>	Amer Indian AOIC NH	Asian AOIC NH <sup>2</sup>	Black/ African-Amer AOIC NH <sup>3</sup>	White AOIC NH	American Indian AOIC H	Other AOIC H <sup>4</sup>	White AOIC H
<b>MORRISON</b>							
2019 Total	14	6	41	435	<5	0	22
2019 Anemia	3 (****)	0	12 (29.3)	42 (9.7)	0	0	3 (****)
2018 Total	18	6	37	484	5	<5	30
2018 Anemia	6 (****)	2 (****)	11 (29.7)	46 (9.5)	1 (****)	0	8 (26.7)
2017 Total	14	7	35	567	<5	<5	38
2017 Anemia	2 (****)	1 (****)	0	43 (7.6)	0	0	5 (13.2)
2016 Total	17	8	49	594	<5	5	46
2016 Anemia	1 (****)	1 (****)	2 (4.1)	38 (6.4)	0	0	2 (4.3)
2015 Total	17	6	49	636	<5	<5	34
2015 Anemia	2 (****)	1 (****)	12 (24.5)	49 (7.7)	0	1 (****)	2 (5.9)
2014 Total	11	7	37	631	<5	<5	32
2014 Anemia	2 (****)	0	5 (13.5)	40 (6.3)	0	1 (****)	1 (3.1)
2013 Total	8	5	32	635	0	<5	31
2013 Anemia	1 (****)	1 (****)	5 (15.6)	52 (8.2)	0	0	1 (3.2)
2012 Total	8	5	38	691	<5	5	38
2012 Anemia	1 (****)	1 (****)	6 (15.8)	55 (8.0)	0	0	1 (2.6)
2011 Total	5	<5	27	753	<5	<5	36
2011 Anemia	0	0	5 (****)	50 (6.6)	0	0	6 (16.7)

**Anemia in Minnesota WIC Infants and Children by County and Race/Ethnicity  
Alone or in Combination with Other Races (AOIC)  
Minnesota WIC Information System**

County <sup>1</sup>	Amer Indian AOIC NH	Asian AOIC NH <sup>2</sup>	Black/ African- Amer AOIC NH <sup>3</sup>	White AOIC NH	American Indian AOIC H	Other AOIC H <sup>4</sup>	White AOIC H
<b>MOWER</b>							
2019 Total	5	190	160	352	9	12	268
2019 Anemia	0	30 (15.8)	19 (11.9)	25 (7.1)	1 (****)	1 (****)	29 (10.8)
2018 Total	<5	147	157	321	10	19	290
2018 Anemia	0	32 (21.8)	22 (14.0)	12 (3.7)	0	2 (****)	26 (9.0)
2017 Total	<5	156	152	369	13	14	273
2017 Anemia	0	23 (14.7)	25 (16.4)	18 (4.9)	0	2 (****)	19 (7.0)
2016 Total	7	124	154	384	24	13	277
2016 Anemia	0	24 (19.4)	21 (13.6)	22 (5.7)	3 (****)	1 (****)	23 (8.3)
2015 Total	8	95	134	435	22	13	285
2015 Anemia	0	20 (21.1)	17 (12.7)	35 (8.0)	2 (****)	3 (****)	29 (10.2)
2014 Total	10	90	154	441	29	15	294
2014 Anemia	1 (****)	18 (20.0)	30 (19.5)	42 (9.5)	2 (****)	2 (****)	24 (8.2)
2013 Total	11	85	156	492	47	13	347
2013 Anemia	1 (****)	13 (15.3)	22 (14.1)	25 (5.1)	5 (10.6)	1 (****)	29 (8.4)
2012 Total	8	75	147	553	72	13	359
2012 Anemia	0	15 (20.0)	19 (12.9)	36 (6.5)	4 (5.6)	0	34 (9.5)
2011 Total	6	48	155	544	101	15	360
2011 Anemia	1 (****)	11 (22.9)	17 (11.0)	40 (7.4)	7 (6.9)	0	40 (11.1)

**Anemia in Minnesota WIC Infants and Children by County and Race/Ethnicity  
Alone or in Combination with Other Races (AOIC)  
Minnesota WIC Information System**

County <sup>1</sup>	Amer Indian AOIC NH	Asian AOIC NH <sup>2</sup>	Black/ African-Amer AOIC NH <sup>3</sup>	White AOIC NH	American Indian AOIC H	Other AOIC H <sup>4</sup>	White AOIC H
<b>MURRAY</b>							
2019 Total	0	7	<5	90	<5	0	17
2019 Anemia	0	1 (****)	0	8 (8.9)	0	0	0
2018 Total	<5	10	9	103	0	<5	18
2018 Anemia	0	0	1 (****)	5 (4.9)	0	0	1 (****)
2017 Total	<5	10	9	104	<5	<5	25
2017 Anemia	0	0	0	8 (7.7)	0	0	1 (****)
2016 Total	<5	<5	<5	104	<5	<5	28
2016 Anemia	0	0	0	3 (2.9)	0	0	2 (****)
2015 Total	<5	6	<5	108	<5	6	25
2015 Anemia	1 (****)	0	0	11 (10.2)	0	1 (****)	3 (****)
2014 Total	5	7	6	114	<5	<5	19
2014 Anemia	0	0	0	6 (5.3)	0	0	1 (****)
2013 Total	<5	7	6	127	<5	0	17
2013 Anemia	0	0	0	4 (3.1)	0	0	2 (****)
2012 Total	<5	8	5	128	<5	<5	18
2012 Anemia	0	1 (****)	1 (****)	3 (2.3)	0	0	1 (****)
2011 Total	<5	<5	<5	129	<5	0	13
2011 Anemia	0	0	0	6 (4.7)	0	0	1 (****)

**Anemia in Minnesota WIC Infants and Children by County and Race/Ethnicity  
Alone or in Combination with Other Races (AOIC)  
Minnesota WIC Information System**

County <sup>1</sup>	Amer Indian AOIC NH	Asian AOIC NH <sup>2</sup>	Black/ African-Amer AOIC NH <sup>3</sup>	White AOIC NH	American Indian AOIC H	Other AOIC H <sup>4</sup>	White AOIC H
<b>NICOLLET</b>							
2019 Total	6	9	135	202	<5	<5	66
2019 Anemia	0	0	24 (17.8)	17 (8.4)	0	0	3 (4.5)
2018 Total	6	8	112	211	7	<5	74
2018 Anemia	0	1 (****)	18 (16.1)	21 (10.0)	0	0	10 (13.5)
2017 Total	<5	8	122	207	10	<5	64
2017 Anemia	0	0	16 (13.1)	29 (14.0)	2 (****)	0	7 (10.9)
2016 Total	<5	<5	141	252	14	<5	66
2016 Anemia	0	0	23 (16.3)	22 (8.7)	1 (****)	0	3 (4.5)
2015 Total	<5	6	126	278	15	7	85
2015 Anemia	1 (****)	0	14 (11.1)	20 (7.2)	3 (****)	1 (****)	4 (4.7)
2014 Total	<5	5	129	310	16	5	72
2014 Anemia	0	0	13 (10.1)	15 (4.8)	0	1 (****)	1 (1.4)
2013 Total	<5	<5	98	312	16	<5	58
2013 Anemia	0	0	10 (10.2)	14 (4.5)	0	0	5 (8.6)
2012 Total	<5	5	90	347	18	<5	69
2012 Anemia	0	0	7 (7.8)	14 (4.0)	1 (****)	0	4 (5.8)
2011 Total	5	<5	77	346	14	<5	77
2011 Anemia	0	0	7 (9.1)	16 (4.6)	1 (****)	0	3 (3.9)

**Anemia in Minnesota WIC Infants and Children by County and Race/Ethnicity  
Alone or in Combination with Other Races (AOIC)  
Minnesota WIC Information System**

County <sup>1</sup>	Amer Indian AOIC NH	Asian AOIC NH <sup>2</sup>	Black/ African-Amer AOIC NH <sup>3</sup>	White AOIC NH	American Indian AOIC H	Other AOIC H <sup>4</sup>	White AOIC H
<b>NOBLES</b>							
2019 Total	<5	73	81	118	69	10	527
2019 Anemia	0	4 (5.5)	1 (1.2)	5 (4.2)	0	1 (****)	15 (2.8)
2018 Total	<5	89	85	122	76	15	501
2018 Anemia	0	18 (20.2)	4 (4.7)	8 (6.6)	5 (6.6)	1 (****)	31 (6.2)
2017 Total	0	79	94	143	103	14	457
2017 Anemia	0	11 (13.9)	6 (6.4)	13 (9.1)	4 (3.9)	3 (****)	24 (5.3)
2016 Total	5	86	80	145	147	17	433
2016 Anemia	0	11 (12.8)	5 (6.2)	6 (4.1)	7 (4.8)	0	13 (3.0)
2015 Total	9	76	66	159	128	9	387
2015 Anemia	2 (****)	11 (14.5)	9 (13.6)	11 (6.9)	10 (7.8)	0	22 (5.7)
2014 Total	15	76	68	186	145	10	356
2014 Anemia	1 (****)	7 (9.2)	5 (7.4)	9 (4.8)	6 (4.1)	0	19 (5.3)
2013 Total	8	82	72	173	138	12	349
2013 Anemia	0	11 (13.4)	9 (12.5)	12 (6.9)	5 (3.6)	0	18 (5.2)
2012 Total	5	77	58	172	120	21	384
2012 Anemia	0	16 (20.8)	8 (13.8)	5 (2.9)	3 (2.5)	0	14 (3.6)
2011 Total	7	66	57	181	120	12	413
2011 Anemia	1 (****)	10 (15.2)	4 (7.0)	4 (2.2)	5 (4.2)	3 (****)	12 (2.9)

**Anemia in Minnesota WIC Infants and Children by County and Race/Ethnicity  
Alone or in Combination with Other Races (AOIC)  
Minnesota WIC Information System**

County <sup>1</sup>	Amer Indian AOIC NH	Asian AOIC NH <sup>2</sup>	Black/ African-Amer AOIC NH <sup>3</sup>	White AOIC NH	American Indian AOIC H	Other AOIC H <sup>4</sup>	White AOIC H
<b>NORMAN</b>							
2019 Total	19	0	6	113	<5	<5	24
2019 Anemia	2 (****)	0	0	9 (8.0)	0	0	0
2018 Total	11	0	<5	107	<5	0	16
2018 Anemia	2 (****)	0	0	16 (15.0)	0	0	0
2017 Total	19	0	7	101	<5	0	18
2017 Anemia	2 (****)	0	0	11 (10.9)	0	0	2 (****)
2016 Total	18	<5	5	106	<5	<5	19
2016 Anemia	0	0	0	6 (5.7)	0	0	1 (****)
2015 Total	13	<5	<5	110	5	0	21
2015 Anemia	3 (****)	1 (****)	0	7 (6.4)	0	0	0
2014 Total	20	<5	<5	110	<5	0	29
2014 Anemia	2 (****)	1 (****)	0	8 (7.3)	1 (****)	0	3 (****)
2013 Total	9	<5	0	93	<5	<5	29
2013 Anemia	0	1 (****)	0	4 (4.3)	0	0	0
2012 Total	11	0	<5	109	<5	<5	26
2012 Anemia	0	0	0	6 (5.5)	0	0	1 (****)
2011 Total	10	<5	<5	120	<5	<5	33
2011 Anemia	1 (****)	0	0	5 (4.2)	0	0	3 (9.1)

**Anemia in Minnesota WIC Infants and Children by County and Race/Ethnicity  
Alone or in Combination with Other Races (AOIC)  
Minnesota WIC Information System**

County <sup>1</sup>	Amer Indian AOIC NH	Asian AOIC NH <sup>2</sup>	Black/ African-Amer AOIC NH <sup>3</sup>	White AOIC NH	American Indian AOIC H	Other AOIC H <sup>4</sup>	White AOIC H
<b>OLMSTED</b>							
2019 Total	33	201	962	907	11	64	371
2019 Anemia	2 (6.1)	34 (16.9)	212 (22.0)	140 (15.4)	5 (****)	17 (26.6)	62 (16.7)
2018 Total	38	221	927	909	9	50	421
2018 Anemia	7 (18.4)	46 (20.8)	195 (21.0)	176 (19.4)	2 (****)	14 (28.0)	66 (15.7)
2017 Total	36	238	919	997	10	47	419
2017 Anemia	10 (27.8)	46 (19.3)	195 (21.2)	162 (16.2)	1 (****)	10 (21.3)	78 (18.6)
2016 Total	36	259	864	1,124	5	45	419
2016 Anemia	7 (19.4)	42 (16.2)	158 (18.3)	149 (13.3)	0	9 (20.0)	73 (17.4)
2015 Total	38	262	898	1,202	7	50	420
2015 Anemia	3 (7.9)	53 (20.2)	153 (17.0)	152 (12.6)	1 (****)	11 (22.0)	60 (14.3)
2014 Total	36	261	939	1,307	7	46	434
2014 Anemia	4 (11.1)	45 (17.2)	125 (13.3)	117 (9.0)	2 (****)	7 (15.2)	57 (13.1)
2013 Total	23	305	892	1,327	8	46	421
2013 Anemia	1 (****)	52 (17.0)	125 (14.0)	147 (11.1)	1 (****)	9 (19.6)	46 (10.9)
2012 Total	27	309	873	1,433	14	44	483
2012 Anemia	3 (****)	58 (18.8)	126 (14.4)	167 (11.7)	1 (****)	8 (18.2)	63 (13.0)
2011 Total	44	326	884	1,522	18	54	542
2011 Anemia	4 (9.1)	60 (18.4)	136 (15.4)	148 (9.7)	3 (****)	7 (13.0)	54 (10.0)



**Anemia in Minnesota WIC Infants and Children by County and Race/Ethnicity  
Alone or in Combination with Other Races (AOIC)  
Minnesota WIC Information System**

County <sup>1</sup>	Amer Indian AOIC NH	Asian AOIC NH <sup>2</sup>	Black/ African- Amer AOIC NH <sup>3</sup>	White AOIC NH	American Indian AOIC H	Other AOIC H <sup>4</sup>	White AOIC H
<b>OTTER TAIL</b>							
2019 Total	31	19	99	709	12	9	117
2019 Anemia	1 (3.2)	0	5 (5.1)	49 (6.9)	0	0	4 (3.4)
2018 Total	38	24	106	707	13	8	103
2018 Anemia	1 (2.6)	1 (****)	7 (6.6)	43 (6.1)	1 (****)	1 (****)	8 (7.8)
2017 Total	34	21	111	771	25	7	100
2017 Anemia	1 (2.9)	2 (****)	6 (5.4)	58 (7.5)	0	1 (****)	7 (7.0)
2016 Total	44	17	96	751	34	6	95
2016 Anemia	2 (4.5)	1 (****)	2 (2.1)	53 (7.1)	3 (8.8)	2 (****)	4 (4.2)
2015 Total	44	19	103	801	37	5	86
2015 Anemia	7 (15.9)	1 (****)	11 (10.7)	64 (8.0)	3 (8.1)	0	6 (7.0)
2014 Total	45	18	91	779	50	6	84
2014 Anemia	5 (11.1)	2 (****)	14 (15.4)	47 (6.0)	0	0	5 (6.0)
2013 Total	46	18	89	760	50	10	74
2013 Anemia	2 (4.3)	1 (****)	7 (7.9)	40 (5.3)	1 (2.0)	0	4 (5.4)
2012 Total	43	18	79	831	66	6	76
2012 Anemia	2 (4.7)	0	8 (10.1)	53 (6.4)	0	0	2 (2.6)
2011 Total	49	23	70	920	77	6	62
2011 Anemia	3 (6.1)	1 (****)	6 (8.6)	44 (4.8)	9 (11.7)	0	6 (9.7)

**Anemia in Minnesota WIC Infants and Children by County and Race/Ethnicity  
Alone or in Combination with Other Races (AOIC)  
Minnesota WIC Information System**

County <sup>1</sup>	Amer Indian AOIC NH	Asian AOIC NH <sup>2</sup>	Black/ African-Amer AOIC NH <sup>3</sup>	White AOIC NH	American Indian AOIC H	Other AOIC H <sup>4</sup>	White AOIC H
<b>PENNINGTON</b>							
2019 Total	10	7	17	220	<5	7	42
2019 Anemia	0	0	0	8 (3.6)	0	0	1 (2.4)
2018 Total	16	9	16	232	<5	5	42
2018 Anemia	2 (****)	0	0	9 (3.9)	0	0	1 (2.4)
2017 Total	17	<5	18	219	<5	5	36
2017 Anemia	0	0	1 (****)	5 (2.3)	1 (****)	0	1 (2.8)
2016 Total	28	6	21	278	<5	<5	33
2016 Anemia	0	0	0	9 (3.2)	0	1 (****)	3 (9.1)
2015 Total	29	5	15	271	6	<5	47
2015 Anemia	0	0	1 (****)	13 (4.8)	0	0	0
2014 Total	22	6	9	255	8	5	41
2014 Anemia	0	0	0	10 (3.9)	0	0	2 (4.9)
2013 Total	25	7	12	289	7	<5	35
2013 Anemia	5 (****)	1 (****)	0	14 (4.8)	1 (****)	0	2 (5.7)
2012 Total	26	9	20	308	7	5	43
2012 Anemia	5 (****)	0	1 (****)	13 (4.2)	1 (****)	0	1 (2.3)
2011 Total	29	5	20	307	7	<5	37
2011 Anemia	3 (****)	0	1 (****)	13 (4.2)	0	1 (****)	5 (13.5)

**Anemia in Minnesota WIC Infants and Children by County and Race/Ethnicity  
Alone or in Combination with Other Races (AOIC)  
Minnesota WIC Information System**

County <sup>1</sup>	Amer Indian AOIC NH	Asian AOIC NH <sup>2</sup>	Black/ African-Amer AOIC NH <sup>3</sup>	White AOIC NH	American Indian AOIC H	Other AOIC H <sup>4</sup>	White AOIC H
<b>PINE</b>							
2019 Total	61	11	26	403	5	<5	18
2019 Anemia	16 (26.2)	1 (****)	2 (****)	75 (18.6)	0	0	2 (****)
2018 Total	70	11	17	396	<5	<5	19
2018 Anemia	15 (21.4)	1 (****)	4 (****)	49 (12.4)	0	1 (****)	3 (****)
2017 Total	63	8	17	413	<5	<5	24
2017 Anemia	12 (19.0)	2 (****)	7 (****)	62 (15.0)	0	0	2 (****)
2016 Total	44	7	18	424	<5	<5	23
2016 Anemia	4 (9.1)	2 (****)	6 (****)	54 (12.7)	0	1 (****)	0
2015 Total	71	6	25	461	<5	0	20
2015 Anemia	11 (15.5)	1 (****)	6 (****)	58 (12.6)	1 (****)	0	0
2014 Total	48	5	15	427	0	0	16
2014 Anemia	4 (8.3)	0	0	39 (9.1)	0	0	3 (****)
2013 Total	50	8	21	419	<5	<5	14
2013 Anemia	1 (2.0)	1 (****)	1 (****)	30 (7.2)	0	0	1 (****)
2012 Total	64	9	17	485	<5	<5	22
2012 Anemia	5 (7.8)	2 (****)	2 (****)	43 (8.9)	0	0	2 (****)
2011 Total	55	12	19	579	<5	0	26
2011 Anemia	6 (10.9)	2 (****)	2 (****)	62 (10.7)	0	0	3 (****)

**Anemia in Minnesota WIC Infants and Children by County and Race/Ethnicity  
Alone or in Combination with Other Races (AOIC)  
Minnesota WIC Information System**

County <sup>1</sup>	Amer Indian AOIC NH	Asian AOIC NH <sup>2</sup>	Black/ African-Amer AOIC NH <sup>3</sup>	White AOIC NH	American Indian AOIC H	Other AOIC H <sup>4</sup>	White AOIC H
<b>PIPESTONE</b>							
2019 Total	19	<5	17	142	<5	0	74
2019 Anemia	1 (****)	1 (****)	5 (****)	4 (2.8)	0	0	3 (4.1)
2018 Total	18	6	14	153	8	<5	63
2018 Anemia	0	0	1 (****)	5 (3.3)	0	0	3 (4.8)
2017 Total	20	6	13	174	6	5	82
2017 Anemia	1 (****)	1 (****)	0	6 (3.4)	2 (****)	0	1 (1.2)
2016 Total	13	6	21	166	6	<5	82
2016 Anemia	1 (****)	0	0	6 (3.6)	0	0	3 (3.7)
2015 Total	12	9	20	185	11	5	84
2015 Anemia	0	0	1 (****)	6 (3.2)	0	0	2 (2.4)
2014 Total	15	7	15	193	5	<5	77
2014 Anemia	0	0	0	1 (<1)	0	1 (****)	5 (6.5)
2013 Total	13	7	21	184	6	<5	64
2013 Anemia	0	1 (****)	0	7 (3.8)	0	1 (****)	3 (4.7)
2012 Total	13	8	26	202	5	<5	63
2012 Anemia	0	0	0	5 (2.5)	0	0	3 (4.8)
2011 Total	14	<5	18	195	6	<5	72
2011 Anemia	1 (****)	0	1 (****)	3 (1.5)	1 (****)	0	2 (2.8)

**Anemia in Minnesota WIC Infants and Children by County and Race/Ethnicity  
Alone or in Combination with Other Races (AOIC)  
Minnesota WIC Information System**

County <sup>1</sup>	Amer Indian AOIC NH	Asian AOIC NH <sup>2</sup>	Black/ African-Amer AOIC NH <sup>3</sup>	White AOIC NH	American Indian AOIC H	Other AOIC H <sup>4</sup>	White AOIC H
<b>POLK</b>							
2019 Total	42	<5	124	344	18	11	141
2019 Anemia	1 (2.4)	0	5 (4.0)	4 (1.2)	1 (****)	1 (****)	1 (<1)
2018 Total	44	<5	160	368	19	13	133
2018 Anemia	1 (2.3)	0	5 (3.1)	11 (3.0)	0	0	2 (1.5)
2017 Total	42	5	138	416	18	15	146
2017 Anemia	3 (7.1)	0	18 (13.0)	53 (12.7)	4 (****)	4 (****)	8 (5.5)
2016 Total	33	<5	104	406	18	15	152
2016 Anemia	4 (12.1)	0	8 (7.7)	25 (6.2)	3 (****)	3 (****)	13 (8.6)
2015 Total	47	7	77	467	19	12	153
2015 Anemia	3 (6.4)	1 (****)	8 (10.4)	30 (6.4)	0	2 (****)	13 (8.5)
2014 Total	48	9	71	516	17	13	148
2014 Anemia	3 (6.2)	0	4 (5.6)	30 (5.8)	0	2 (****)	12 (8.1)
2013 Total	53	10	71	505	13	10	146
2013 Anemia	2 (3.8)	1 (****)	8 (11.3)	40 (7.9)	1 (****)	1 (****)	11 (7.5)
2012 Total	36	5	59	566	16	14	140
2012 Anemia	3 (8.3)	2 (****)	4 (6.8)	54 (9.5)	2 (****)	0	15 (10.7)
2011 Total	55	5	41	590	22	8	160
2011 Anemia	6 (10.9)	3 (****)	9 (22.0)	45 (7.6)	3 (****)	1 (****)	14 (8.8)

**Anemia in Minnesota WIC Infants and Children by County and Race/Ethnicity  
Alone or in Combination with Other Races (AOIC)  
Minnesota WIC Information System**

County <sup>1</sup>	Amer Indian AOIC NH	Asian AOIC NH <sup>2</sup>	Black/ African-Amer AOIC NH <sup>3</sup>	White AOIC NH	American Indian AOIC H	Other AOIC H <sup>4</sup>	White AOIC H
<b>POPE</b>							
2019 Total	<5	<5	<5	154	<5	<5	10
2019 Anemia	1 (****)	1 (****)	2 (****)	15 (9.7)	0	0	0
2018 Total	<5	<5	<5	156	<5	<5	18
2018 Anemia	0	0	0	16 (10.3)	0	1 (****)	1 (****)
2017 Total	<5	6	6	141	<5	<5	14
2017 Anemia	0	1 (****)	1 (****)	16 (11.3)	0	1 (****)	2 (****)
2016 Total	<5	<5	5	175	<5	<5	16
2016 Anemia	0	0	0	16 (9.1)	0	1 (****)	2 (****)
2015 Total	<5	<5	8	175	<5	<5	17
2015 Anemia	0	0	0	7 (4.0)	0	0	0
2014 Total	<5	0	9	176	<5	<5	17
2014 Anemia	0	0	1 (****)	13 (7.4)	0	0	2 (****)
2013 Total	5	0	11	189	0	<5	13
2013 Anemia	0	0	1 (****)	8 (4.2)	0	0	4 (****)
2012 Total	7	<5	14	236	<5	<5	10
2012 Anemia	1 (****)	0	3 (****)	18 (7.6)	0	0	0
2011 Total	8	<5	16	234	<5	<5	9
2011 Anemia	1 (****)	1 (****)	1 (****)	17 (7.3)	0	0	0

**Anemia in Minnesota WIC Infants and Children by County and Race/Ethnicity  
Alone or in Combination with Other Races (AOIC)  
Minnesota WIC Information System**

County <sup>1</sup>	Amer Indian AOIC NH	Asian AOIC NH <sup>2</sup>	Black/ African-Amer AOIC NH <sup>3</sup>	White AOIC NH	American Indian AOIC H	Other AOIC H <sup>4</sup>	White AOIC H
<b>RAMSEY</b>							
2019 Total	225	4,872	4,678	1,910	296	397	1,376
2019 Anemia	53 (23.6)	1,010 (20.7)	1,160 (24.8)	352 (18.4)	56 (18.9)	73 (18.4)	239 (17.4)
2018 Total	280	5,003	4,815	2,054	315	415	1,459
2018 Anemia	73 (26.1)	1,000 (20.0)	1,149 (23.9)	365 (17.8)	47 (14.9)	97 (23.4)	227 (15.6)
2017 Total	305	5,185	4,937	2,272	343	411	1,616
2017 Anemia	69 (22.6)	1,035 (20.0)	1,167 (23.6)	381 (16.8)	55 (16.0)	84 (20.4)	243 (15.0)
2016 Total	336	5,398	5,163	2,432	381	401	1,786
2016 Anemia	63 (18.8)	1,055 (19.5)	1,091 (21.1)	387 (15.9)	70 (18.4)	81 (20.2)	262 (14.7)
2015 Total	350	5,368	5,132	2,529	400	472	1,934
2015 Anemia	61 (17.4)	866 (16.1)	1,032 (20.1)	350 (13.8)	52 (13.0)	100 (21.2)	269 (13.9)
2014 Total	377	5,256	5,111	2,816	444	460	2,055
2014 Anemia	72 (19.1)	750 (14.3)	1,009 (19.7)	389 (13.8)	59 (13.3)	65 (14.1)	270 (13.1)
2013 Total	388	5,233	4,951	2,779	583	452	2,076
2013 Anemia	51 (13.1)	749 (14.3)	859 (17.4)	312 (11.2)	66 (11.3)	53 (11.7)	237 (11.4)
2012 Total	368	4,951	4,836	2,932	745	420	2,044
2012 Anemia	54 (14.7)	727 (14.7)	927 (19.2)	361 (12.3)	85 (11.4)	62 (14.8)	254 (12.4)
2011 Total	16,341	416	4,716	4,865	3,031	895	404
2011 Anemia	2,584 (15.8)	67 (16.1)	790 (16.8)	956 (19.7)	356 (11.7)	106 (11.8)	59 (14.6)

**Anemia in Minnesota WIC Infants and Children by County and Race/Ethnicity  
Alone or in Combination with Other Races (AOIC)  
Minnesota WIC Information System**

County <sup>1</sup>	Amer Indian AOIC NH	Asian AOIC NH <sup>2</sup>	Black/ African-Amer AOIC NH <sup>3</sup>	White AOIC NH	American Indian AOIC H	Other AOIC H <sup>4</sup>	White AOIC H
<b>RED LAKE COUNTY</b>							
2019 Total	<5	<5	0	70	<5	<5	9
2019 Anemia	0	0	0	3 (4.3)	0	0	0
2018 Total	5	0	<5	78	6	<5	12
2018 Anemia	0	0	0	3 (3.8)	0	0	0
2017 Total	6	0	0	83	<5	0	14
2017 Anemia	0	0	0	5 (6.0)	1 (****)	0	0
2016 Total	5	<5	<5	102	5	<5	16
2016 Anemia	0	0	0	2 (2.0)	0	0	1 (****)
2015 Total	<5	<5	<5	103	<5	<5	11
2015 Anemia	0	0	0	4 (3.9)	0	0	0
2014 Total	<5	0	<5	91	<5	0	12
2014 Anemia	0	0	0	3 (3.3)	0	0	1 (****)
2013 Total	<5	0	<5	94	<5	0	16
2013 Anemia	0	0	0	4 (4.3)	0	0	1 (****)
2012 Total	<5	<5	0	88	<5	0	14
2012 Anemia	0	0	0	3 (3.4)	0	0	1 (****)
2011 Total	7	<5	<5	87	<5	0	13
2011 Anemia	0	0	1 (****)	2 (2.3)	0	0	2 (****)



**Anemia in Minnesota WIC Infants and Children by County and Race/Ethnicity  
Alone or in Combination with Other Races (AOIC)  
Minnesota WIC Information System**

County <sup>1</sup>	Amer Indian AOIC NH	Asian AOIC NH <sup>2</sup>	Black/ African-Amer AOIC NH <sup>3</sup>	White AOIC NH	American Indian AOIC H	Other AOIC H <sup>4</sup>	White AOIC H
<b>REDWOOD</b>							
2019 Total	32	42	13	195	7	0	30
2019 Anemia	0	3 (7.1)	1 (****)	10 (5.1)	0	0	0
2018 Total	31	53	14	194	12	<5	30
2018 Anemia	1 (3.2)	4 (7.5)	0	7 (3.6)	1 (****)	0	4 (13.3)
2017 Total	31	52	17	217	11	<5	21
2017 Anemia	0	2 (3.8)	2 (****)	6 (2.8)	0	0	1 (****)
2016 Total	30	48	11	208	7	<5	17
2016 Anemia	1 (3.3)	1 (2.1)	1 (****)	12 (5.8)	1 (****)	0	1 (****)
2015 Total	27	51	8	210	<5	<5	27
2015 Anemia	1 (****)	3 (5.9)	1 (****)	15 (7.1)	0	1 (****)	2 (****)
2014 Total	32	44	9	242	<5	<5	27
2014 Anemia	4 (12.5)	2 (4.5)	1 (****)	15 (6.2)	0	0	1 (****)
2013 Total	34	52	10	257	<5	<5	22
2013 Anemia	3 (8.8)	5 (9.6)	1 (****)	8 (3.1)	0	0	0
2012 Total	35	46	13	272	5	<5	27
2012 Anemia	5 (14.3)	7 (15.2)	5 (****)	15 (5.5)	0	0	2 (****)
2011 Total	31	39	12	325	<5	<5	25
2011 Anemia	1 (3.2)	7 (17.9)	3 (****)	23 (7.1)	0	1 (****)	2 (****)

**Anemia in Minnesota WIC Infants and Children by County and Race/Ethnicity  
Alone or in Combination with Other Races (AOIC)  
Minnesota WIC Information System**

County <sup>1</sup>	Amer Indian AOIC NH	Asian AOIC NH <sup>2</sup>	Black/ African-Amer AOIC NH <sup>3</sup>	White AOIC NH	American Indian AOIC H	Other AOIC H <sup>4</sup>	White AOIC H
<b>RENVILLE</b>							
2019 Total	14	<5	7	204	10	<5	104
2019 Anemia	0	0	0	21 (10.3)	1 (****)	2 (****)	22 (21.2)
2018 Total	15	<5	9	211	6	<5	106
2018 Anemia	0	0	0	30 (14.2)	0	0	10 (9.4)
2017 Total	14	<5	7	204	9	0	106
2017 Anemia	0	0	0	15 (7.4)	1 (****)	0	14 (13.2)
2016 Total	20	<5	7	232	8	<5	99
2016 Anemia	1 (****)	0	2 (****)	26 (11.2)	0	0	10 (10.1)
2015 Total	15	<5	<5	248	6	<5	112
2015 Anemia	1 (****)	0	1 (****)	26 (10.5)	0	1 (****)	15 (13.4)
2014 Total	15	6	5	240	<5	0	83
2014 Anemia	1 (****)	0	0	28 (11.7)	0	0	11 (13.3)
2013 Total	18	6	5	280	6	0	92
2013 Anemia	0	1 (****)	0	27 (9.6)	0	0	13 (14.1)
2012 Total	25	8	<5	279	6	<5	103
2012 Anemia	2 (****)	0	0	17 (6.1)	1 (****)	0	8 (7.8)
2011 Total	33	10	7	269	5	<5	112
2011 Anemia	1 (3.0)	0	0	21 (7.8)	2 (****)	0	9 (8.0)

**Anemia in Minnesota WIC Infants and Children by County and Race/Ethnicity  
Alone or in Combination with Other Races (AOIC)  
Minnesota WIC Information System**

County <sup>1</sup>	Amer Indian AOIC NH	Asian AOIC NH <sup>2</sup>	Black/ African-Amer AOIC NH <sup>3</sup>	White AOIC NH	American Indian AOIC H	Other AOIC H <sup>4</sup>	White AOIC H
<b>RICE</b>							
2019 Total	16	20	455	361	<5	7	250
2019 Anemia	0	0	54 (11.9)	25 (6.9)	2 (****)	0	15 (6.0)
2018 Total	11	21	466	404	<5	<5	247
2018 Anemia	2 (****)	0	80 (17.2)	42 (10.4)	0	0	27 (10.9)
2017 Total	12	16	474	445	<5	5	293
2017 Anemia	3 (****)	4 (****)	106 (22.4)	65 (14.6)	0	3 (****)	51 (17.4)
2016 Total	12	17	415	451	6	6	293
2016 Anemia	2 (****)	4 (****)	83 (20.0)	80 (17.7)	0	2 (****)	44 (15.0)
2015 Total	12	28	383	472	<5	8	316
2015 Anemia	2 (****)	5 (****)	76 (19.8)	56 (11.9)	1 (****)	3 (****)	40 (12.7)
2014 Total	17	25	360	551	<5	7	334
2014 Anemia	3 (****)	2 (****)	69 (19.2)	71 (12.9)	0	0	50 (15.0)
2013 Total	14	26	296	622	9	8	379
2013 Anemia	4 (****)	4 (****)	49 (16.6)	84 (13.5)	1 (****)	2 (****)	52 (13.7)
2012 Total	9	27	274	702	10	10	379
2012 Anemia	1 (****)	5 (****)	36 (13.1)	67 (9.5)	1 (****)	1 (****)	40 (10.6)
2011 Total	9	19	230	720	11	7	425
2011 Anemia	1 (****)	4 (****)	45 (19.6)	71 (9.9)	1 (****)	0	50 (11.8)

**Anemia in Minnesota WIC Infants and Children by County and Race/Ethnicity  
Alone or in Combination with Other Races (AOIC)  
Minnesota WIC Information System**

County <sup>1</sup>	Amer Indian AOIC NH	Asian AOIC NH <sup>2</sup>	Black/ African-Amer AOIC NH <sup>3</sup>	White AOIC NH	American Indian AOIC H	Other AOIC H <sup>4</sup>	White AOIC H
<b>ROCK</b>							
2019 Total	0	<5	5	107	<5	0	23
2019 Anemia	0	0	1 (****)	13 (12.1)	1 (****)	0	4 (****)
2018 Total	<5	6	5	96	<5	0	23
2018 Anemia	0	1 (****)	0	12 (12.5)	1 (****)	0	2 (****)
2017 Total	0	<5	9	102	0	0	27
2017 Anemia	0	0	1 (****)	7 (6.9)	0	0	3 (****)
2016 Total	<5	11	8	117	<5	<5	25
2016 Anemia	0	0	0	6 (5.1)	0	0	4 (****)
2015 Total	<5	13	10	123	<5	<5	14
2015 Anemia	0	5 (****)	2 (****)	12 (9.8)	0	1 (****)	2 (****)
2014 Total	<5	6	7	138	0	<5	15
2014 Anemia	0	2 (****)	2 (****)	18 (13.0)	0	0	2 (****)
2013 Total	<5	7	10	148	<5	<5	22
2013 Anemia	0	3 (****)	0	13 (8.8)	0	0	1 (****)
2012 Total	<5	<5	8	131	<5	<5	23
2012 Anemia	0	1 (****)	0	9 (6.9)	0	0	2 (****)
2011 Total	0	5	9	118	<5	0	17
2011 Anemia	0	1 (****)	0	5 (4.2)	0	0	2 (****)

**Anemia in Minnesota WIC Infants and Children by County and Race/Ethnicity  
Alone or in Combination with Other Races (AOIC)  
Minnesota WIC Information System**

County <sup>1</sup>	Amer Indian AOIC NH	Asian AOIC NH <sup>2</sup>	Black/ African-Amer AOIC NH <sup>3</sup>	White AOIC NH	American Indian AOIC H	Other AOIC H <sup>4</sup>	White AOIC H
<b>ROSEAU</b>							
2019 Total	17	24	6	274	<5	<5	10
2019 Anemia	1 (****)	2 (****)	1 (****)	10 (3.6)	1 (****)	2 (****)	3 (****)
2018 Total	20	23	7	301	<5	<5	14
2018 Anemia	0	2 (****)	0	6 (2.0)	1 (****)	0	0
2017 Total	20	27	11	322	<5	<5	13
2017 Anemia	1 (****)	5 (****)	0	12 (3.7)	0	1 (****)	1 (****)
2016 Total	17	25	12	318	<5	<5	13
2016 Anemia	0	6 (****)	1 (****)	13 (4.1)	0	1 (****)	1 (****)
2015 Total	26	29	12	340	<5	5	18
2015 Anemia	1 (****)	5 (****)	0	13 (3.8)	0	0	0
2014 Total	33	30	15	382	<5	<5	14
2014 Anemia	1 (3.0)	5 (16.7)	1 (****)	18 (4.7)	0	0	0
2013 Total	25	35	8	375	<5	<5	22
2013 Anemia	3 (****)	1 (2.9)	0	13 (3.5)	0	0	1 (****)
2012 Total	25	31	6	333	<5	0	19
2012 Anemia	4 (****)	2 (6.5)	0	11 (3.3)	0	0	1 (****)
2011 Total	24	30	6	370	0	<5	15
2011 Anemia	3 (****)	5 (16.7)	0	17 (4.6)	0	1 (****)	0

**Anemia in Minnesota WIC Infants and Children by County and Race/Ethnicity  
Alone or in Combination with Other Races (AOIC)  
Minnesota WIC Information System**

County <sup>1</sup>	Amer Indian AOIC NH	Asian AOIC NH <sup>2</sup>	Black/ African-Amer AOIC NH <sup>3</sup>	White AOIC NH	American Indian AOIC H	Other AOIC H <sup>4</sup>	White AOIC H
<b>SAINT LOUIS</b>							
2019 Total	302	39	297	1,655	20	33	101
2019 Anemia	32 (10.6)	3 (7.7)	45 (15.2)	100 (6.0)	3 (****)	5 (15.2)	9 (8.9)
2018 Total	337	32	315	1,779	32	31	109
2018 Anemia	45 (13.4)	3 (9.4)	44 (14.0)	134 (7.5)	4 (12.5)	5 (16.1)	9 (8.3)
2017 Total	343	43	342	1,928	22	33	109
2017 Anemia	36 (10.5)	1 (2.3)	37 (10.8)	112 (5.8)	4 (****)	5 (15.2)	6 (5.5)
2016 Total	344	37	310	2,023	23	31	103
2016 Anemia	27 (7.8)	1 (2.7)	37 (11.9)	129 (6.4)	1 (****)	3 (9.7)	5 (4.9)
2015 Total	334	46	311	2,111	31	29	128
2015 Anemia	24 (7.2)	3 (6.5)	32 (10.3)	124 (5.9)	1 (3.2)	3 (****)	13 (10.2)
2014 Total	336	49	317	2,129	28	17	99
2014 Anemia	39 (11.6)	5 (10.2)	23 (7.3)	104 (4.9)	5 (****)	2 (****)	6 (6.1)
2013 Total	326	54	310	2,270	37	25	107
2013 Anemia	24 (7.4)	4 (7.4)	28 (9.0)	136 (6.0)	2 (5.4)	3 (****)	6 (5.6)
2012 Total	360	67	335	2,481	44	26	118
2012 Anemia	15 (4.2)	8 (11.9)	30 (9.0)	121 (4.9)	2 (4.5)	4 (****)	5 (4.2)
2011 Total	372	65	364	2,792	42	19	129
2011 Anemia	33 (8.9)	2 (3.1)	46 (12.6)	171 (6.1)	4 (9.5)	2 (****)	4 (3.1)

**Anemia in Minnesota WIC Infants and Children by County and Race/Ethnicity  
Alone or in Combination with Other Races (AOIC)  
Minnesota WIC Information System**

County <sup>1</sup>	Amer Indian AOIC NH	Asian AOIC NH <sup>2</sup>	Black/ African-Amer AOIC NH <sup>3</sup>	White AOIC NH	American Indian AOIC H	Other AOIC H <sup>4</sup>	White AOIC H
<b>SCOTT</b>							
2019 Total	34	124	515	513	13	19	225
2019 Anemia	3 (8.8)	17 (13.7)	69 (13.4)	38 (7.4)	0	3 (****)	23 (10.2)
2018 Total	27	106	508	503	21	24	255
2018 Anemia	4 (****)	21 (19.8)	87 (17.1)	70 (13.9)	3 (****)	5 (****)	36 (14.1)
2017 Total	41	131	508	567	28	30	265
2017 Anemia	4 (9.8)	19 (14.5)	94 (18.5)	67 (11.8)	5 (****)	4 (13.3)	40 (15.1)
2016 Total	38	132	484	598	50	41	246
2016 Anemia	6 (15.8)	21 (15.9)	63 (13.0)	56 (9.4)	3 (6.0)	5 (12.2)	27 (11.0)
2015 Total	50	145	466	632	69	43	227
2015 Anemia	7 (14.0)	22 (15.2)	66 (14.2)	71 (11.2)	4 (5.8)	6 (14.0)	28 (12.3)
2014 Total	48	126	445	700	76	31	230
2014 Anemia	8 (16.7)	20 (15.9)	66 (14.8)	67 (9.6)	4 (5.3)	4 (12.9)	25 (10.9)
2013 Total	40	129	420	692	96	30	229
2013 Anemia	2 (5.0)	15 (11.6)	55 (13.1)	55 (7.9)	7 (7.3)	1 (3.3)	19 (8.3)
2012 Total	39	133	420	725	110	27	232
2012 Anemia	5 (12.8)	22 (16.5)	53 (12.6)	62 (8.6)	5 (4.5)	3 (****)	28 (12.1)
2011 Total	38	154	406	798	116	31	247
2011 Anemia	3 (7.9)	16 (10.4)	51 (12.6)	80 (10.0)	8 (6.9)	0	22 (8.9)

**Anemia in Minnesota WIC Infants and Children by County and Race/Ethnicity  
Alone or in Combination with Other Races (AOIC)  
Minnesota WIC Information System**

County <sup>1</sup>	Amer Indian AOIC NH	Asian AOIC NH <sup>2</sup>	Black/ African-Amer AOIC NH <sup>3</sup>	White AOIC NH	American Indian AOIC H	Other AOIC H <sup>4</sup>	White AOIC H
<b>SHERBURNE</b>							
2019 Total	18	32	305	723	7	13	69
2019 Anemia	1 (****)	3 (9.4)	42 (13.8)	41 (5.7)	2 (****)	3 (****)	5 (7.2)
2018 Total	16	33	254	803	<5	13	68
2018 Anemia	5 (****)	3 (9.1)	33 (13.0)	72 (9.0)	1 (****)	4 (****)	8 (11.8)
2017 Total	17	29	221	851	7	9	61
2017 Anemia	2 (****)	3 (****)	40 (18.1)	76 (8.9)	0	2 (****)	5 (8.2)
2016 Total	24	37	212	943	<5	14	71
2016 Anemia	2 (****)	2 (5.4)	32 (15.1)	69 (7.3)	0	2 (****)	7 (9.9)
2015 Total	33	32	189	944	8	11	76
2015 Anemia	1 (3.0)	2 (6.2)	18 (9.5)	66 (7.0)	0	1 (****)	5 (6.6)
2014 Total	26	31	146	982	6	13	67
2014 Anemia	4 (****)	3 (9.7)	21 (14.4)	79 (8.0)	0	1 (****)	3 (4.5)
2013 Total	19	39	132	986	<5	12	65
2013 Anemia	2 (****)	5 (12.8)	15 (11.4)	77 (7.8)	0	2 (****)	4 (6.2)
2012 Total	20	46	131	1,097	16	11	79
2012 Anemia	1 (****)	4 (8.7)	18 (13.7)	62 (5.7)	2 (****)	1 (****)	2 (2.5)
2011 Total	28	53	145	1,180	19	9	76
2011 Anemia	2 (****)	3 (5.7)	12 (8.3)	53 (4.5)	2 (****)	0	2 (2.6)



**Anemia in Minnesota WIC Infants and Children by County and Race/Ethnicity  
Alone or in Combination with Other Races (AOIC)  
Minnesota WIC Information System**

County <sup>1</sup>	Amer Indian AOIC NH	Asian AOIC NH <sup>2</sup>	Black/ African-Amer AOIC NH <sup>3</sup>	White AOIC NH	American Indian AOIC H	Other AOIC H <sup>4</sup>	White AOIC H
<b>SIBLEY</b>							
2019 Total	<5	<5	12	108	<5	5	89
2019 Anemia	0	1 (****)	0	8 (7.4)	0	0	6 (6.7)
2018 Total	<5	<5	13	107	<5	7	109
2018 Anemia	0	1 (****)	0	4 (3.7)	0	0	8 (7.3)
2017 Total	<5	<5	11	132	<5	<5	107
2017 Anemia	0	0	3 (****)	6 (4.5)	0	1 (****)	6 (5.6)
2016 Total	<5	<5	9	155	<5	<5	125
2016 Anemia	0	1 (****)	1 (****)	9 (5.8)	0	0	9 (7.2)
2015 Total	<5	<5	9	180	<5	<5	118
2015 Anemia	0	0	0	10 (5.6)	0	0	8 (6.8)
2014 Total	<5	<5	6	176	<5	0	108
2014 Anemia	1 (****)	0	0	13 (7.4)	0	0	12 (11.1)
2013 Total	<5	<5	8	180	<5	<5	114
2013 Anemia	0	0	0	13 (7.2)	0	0	9 (7.9)
2012 Total	6	<5	5	213	<5	<5	108
2012 Anemia	1 (****)	0	0	11 (5.2)	0	0	9 (8.3)
2011 Total	8	<5	7	249	<5	0	116
2011 Anemia	2 (****)	0	1 (****)	21 (8.4)	0	0	13 (11.2)

**Anemia in Minnesota WIC Infants and Children by County and Race/Ethnicity  
Alone or in Combination with Other Races (AOIC)  
Minnesota WIC Information System**

County <sup>1</sup>	Amer Indian AOIC NH	Asian AOIC NH <sup>2</sup>	Black/ African-Amer AOIC NH <sup>3</sup>	White AOIC NH	American Indian AOIC H	Other AOIC H <sup>4</sup>	White AOIC H
<b>STEARNS</b>							
2019 Total	25	52	1,619	1,072	12	30	253
2019 Anemia	1 (****)	5 (9.6)	221 (13.7)	78 (7.3)	2 (****)	3 (10.0)	23 (9.1)
2018 Total	24	57	1,622	1,092	11	31	263
2018 Anemia	3 (****)	7 (12.3)	242 (14.9)	84 (7.7)	0	4 (12.9)	28 (10.6)
2017 Total	36	65	1,525	1,211	9	27	269
2017 Anemia	7 (19.4)	7 (10.8)	233 (15.3)	123 (10.2)	2 (****)	1 (****)	34 (12.6)
2016 Total	25	60	1,314	1,291	11	28	279
2016 Anemia	0	9 (15.0)	193 (14.7)	115 (8.9)	2 (****)	7 (****)	34 (12.2)
2015 Total	25	63	1,085	1,369	10	23	273
2015 Anemia	1 (****)	5 (7.9)	186 (17.1)	132 (9.6)	1 (****)	5 (****)	26 (9.5)
2014 Total	24	67	953	1,421	16	21	283
2014 Anemia	4 (****)	12 (17.9)	133 (14.0)	128 (9.0)	1 (****)	0	24 (8.5)
2013 Total	28	68	803	1,483	19	29	273
2013 Anemia	3 (****)	6 (8.8)	79 (9.8)	106 (7.1)	1 (****)	0	19 (7.0)
2012 Total	37	65	705	1,546	13	16	295
2012 Anemia	2 (5.4)	4 (6.2)	59 (8.4)	101 (6.5)	1 (****)	4 (****)	23 (7.8)
2011 Total	35	72	651	1,615	26	16	348
2011 Anemia	5 (14.3)	6 (8.3)	48 (7.4)	113 (7.0)	3 (****)	1 (****)	22 (6.3)

**Anemia in Minnesota WIC Infants and Children by County and Race/Ethnicity  
Alone or in Combination with Other Races (AOIC)  
Minnesota WIC Information System**

County <sup>1</sup>	Amer Indian AOIC NH	Asian AOIC NH <sup>2</sup>	Black/ African-Amer AOIC NH <sup>3</sup>	White AOIC NH	American Indian AOIC H	Other AOIC H <sup>4</sup>	White AOIC H
<b>STEELE</b>							
2019 Total	<5	13	153	310	<5	10	166
2019 Anemia	0	3 (****)	25 (16.3)	28 (9.0)	1 (****)	1 (****)	17 (10.2)
2018 Total	5	19	165	310	5	8	169
2018 Anemia	0	0	11 (6.7)	9 (2.9)	0	0	3 (1.8)
2017 Total	<5	23	168	342	<5	11	192
2017 Anemia	0	0	8 (4.8)	16 (4.7)	0	0	3 (1.6)
2016 Total	9	22	162	421	6	10	211
2016 Anemia	1 (****)	0	22 (13.6)	31 (7.4)	0	1 (****)	8 (3.8)
2015 Total	8	13	170	421	<5	9	206
2015 Anemia	0	2 (****)	24 (14.1)	34 (8.1)	0	1 (****)	24 (11.7)
2014 Total	14	10	173	434	5	10	202
2014 Anemia	1 (****)	0	21 (12.1)	19 (4.4)	0	2 (****)	11 (5.4)
2013 Total	18	9	175	493	8	8	211
2013 Anemia	0	0	13 (7.4)	17 (3.4)	0	2 (****)	15 (7.1)
2012 Total	15	12	164	511	9	9	204
2012 Anemia	0	0	7 (4.3)	12 (2.3)	0	1 (****)	5 (2.5)
2011 Total	13	13	174	581	15	8	221
2011 Anemia	0	0	11 (6.3)	22 (3.8)	1 (****)	0	11 (5.0)

**Anemia in Minnesota WIC Infants and Children by County and Race/Ethnicity  
Alone or in Combination with Other Races (AOIC)  
Minnesota WIC Information System**

County <sup>1</sup>	Amer Indian AOIC NH	Asian AOIC NH <sup>2</sup>	Black/ African-Amer AOIC NH <sup>3</sup>	White AOIC NH	American Indian AOIC H	Other AOIC H <sup>4</sup>	White AOIC H
<b>STEVENS</b>							
2019 Total	7	0	5	96	0	<5	51
2019 Anemia	2 (****)	0	3 (****)	11 (11.5)	0	0	12 (23.5)
2018 Total	10	<5	6	85	<5	<5	56
2018 Anemia	3 (****)	0	2 (****)	10 (11.8)	0	1 (****)	13 (23.2)
2017 Total	5	<5	<5	84	<5	0	48
2017 Anemia	0	0	0	5 (6.0)	0	0	5 (10.4)
2016 Total	7	<5	<5	88	<5	<5	53
2016 Anemia	0	0	0	10 (11.4)	0	0	5 (9.4)
2015 Total	7	<5	<5	98	<5	<5	46
2015 Anemia	1 (****)	0	0	8 (8.2)	0	0	4 (8.7)
2014 Total	8	<5	<5	133	<5	<5	37
2014 Anemia	0	1 (****)	0	8 (6.0)	0	0	4 (10.8)
2013 Total	5	<5	5	150	<5	<5	27
2013 Anemia	0	0	0	3 (2.0)	0	0	1 (****)
2012 Total	5	<5	5	150	<5	<5	27
2012 Anemia	0	0	0	3 (2.0)	0	0	1 (****)
2011 Total	<5	<5	6	173	0	<5	29
2011 Anemia	0	0	0	8 (4.6)	0	0	1 (****)

**Anemia in Minnesota WIC Infants and Children by County and Race/Ethnicity  
Alone or in Combination with Other Races (AOIC)  
Minnesota WIC Information System**

County <sup>1</sup>	Amer Indian AOIC NH	Asian AOIC NH <sup>2</sup>	Black/ African- Amer AOIC NH <sup>3</sup>	White AOIC NH	American Indian AOIC H	Other AOIC H <sup>4</sup>	White AOIC H
<b>SWIFT</b>							
2019 Total	5	17	12	137	<5	<5	35
2019 Anemia	0	7 (****)	2 (****)	18 (13.1)	0	0	4 (11.4)
2018 Total	<5	18	15	138	<5	<5	38
2018 Anemia	0	2 (****)	2 (****)	11 (8.0)	0	0	6 (15.8)
2017 Total	5	12	18	131	<5	<5	33
2017 Anemia	0	1 (****)	3 (****)	14 (10.7)	0	0	8 (24.2)
2016 Total	<5	12	16	157	<5	<5	45
2016 Anemia	0	2 (****)	1 (****)	8 (5.1)	0	1 (****)	9 (20.0)
2015 Total	<5	10	19	181	<5	<5	48
2015 Anemia	0	2 (****)	6 (****)	24 (13.3)	1 (****)	1 (****)	5 (10.4)
2014 Total	<5	9	15	173	<5	<5	40
2014 Anemia	0	1 (****)	3 (****)	13 (7.5)	0	0	4 (10.0)
2013 Total	5	5	11	167	<5	<5	40
2013 Anemia	0	0	1 (****)	13 (7.8)	1 (****)	0	4 (10.0)
2012 Total	<5	<5	12	213	<5	<5	34
2012 Anemia	0	0	3 (****)	22 (10.3)	0	0	4 (11.8)
2011 Total	<5	<5	11	219	<5	<5	36
2011 Anemia	0	0	2 (****)	13 (5.9)	0	0	4 (11.1)

**Anemia in Minnesota WIC Infants and Children by County and Race/Ethnicity  
Alone or in Combination with Other Races (AOIC)  
Minnesota WIC Information System**

County <sup>1</sup>	Amer Indian AOIC NH	Asian AOIC NH <sup>2</sup>	Black/ African-Amer AOIC NH <sup>3</sup>	White AOIC NH	American Indian AOIC H	Other AOIC H <sup>4</sup>	White AOIC H
<b>TODD</b>							
2019 Total	12	8	7	342	0	9	127
2019 Anemia	1 (****)	0	0	21 (6.1)	0	0	7 (5.5)
2018 Total	19	8	12	366	<5	10	125
2018 Anemia	3 (****)	0	0	28 (7.7)	1 (****)	0	9 (7.2)
2017 Total	13	12	18	384	<5	8	119
2017 Anemia	1 (****)	2 (****)	3 (****)	28 (7.3)	1 (****)	0	18 (15.1)
2016 Total	11	13	17	387	<5	<5	119
2016 Anemia	1 (****)	0	0	15 (3.9)	0	1 (****)	5 (4.2)
2015 Total	9	15	20	433	<5	<5	123
2015 Anemia	2 (****)	1 (****)	2 (****)	21 (4.8)	0	1 (****)	5 (4.1)
2014 Total	10	13	15	418	<5	0	124
2014 Anemia	1 (****)	1 (****)	3 (****)	21 (5.0)	0	0	2 (1.6)
2013 Total	12	12	14	416	<5	0	135
2013 Anemia	0	2 (****)	1 (****)	31 (7.5)	0	0	4 (3.0)
2012 Total	9	11	17	424	<5	0	151
2012 Anemia	1 (****)	0	1 (****)	23 (5.4)	1 (****)	0	12 (7.9)
2011 Total	11	5	8	448	<5	<5	164
2011 Anemia	1 (****)	1 (****)	1 (****)	26 (5.8)	2 (****)	0	9 (5.5)

**Anemia in Minnesota WIC Infants and Children by County and Race/Ethnicity  
Alone or in Combination with Other Races (AOIC)  
Minnesota WIC Information System**

County <sup>1</sup>	Amer Indian AOIC NH	Asian AOIC NH <sup>2</sup>	Black/ African-Amer AOIC NH <sup>3</sup>	White AOIC NH	American Indian AOIC H	Other AOIC H <sup>4</sup>	White AOIC H
<b>TRAVERSE</b>							
2019 Total	16	<5	<5	34	<5	0	<5
2019 Anemia	2 (****)	0	1 (****)	5 (14.7)	1 (****)	0	1 (****)
2018 Total	18	<5	<5	39	<5	0	5
2018 Anemia	0	0	0	2 (5.1)	0	0	0
2017 Total	16	0	<5	38	<5	0	7
2017 Anemia	1 (****)	0	0	6 (15.8)	1 (****)	0	2 (****)
2016 Total	5	<5	9	37	<5	<5	<5
2016 Anemia	1 (****)	0	0	2 (5.4)	1 (****)	0	0
2015 Total	8	<5	<5	42	<5	<5	<5
2015 Anemia	1 (****)	0	2 (****)	4 (9.5)	1 (****)	0	1 (****)
2014 Total	6	<5	<5	50	0	0	6
2014 Anemia	1 (****)	0	0	0	0	0	1 (****)
2013 Total	11	0	<5	50	<5	0	<5
2013 Anemia	2 (****)	0	0	1 (2.0)	0	0	0
2012 Total	16	0	6	58	<5	0	<5
2012 Anemia	1 (****)	0	0	3 (5.2)	0	0	0
2011 Total	15	<5	6	43	<5	0	6
2011 Anemia	1 (****)	0	0	3 (7.0)	0	0	0

**Anemia in Minnesota WIC Infants and Children by County and Race/Ethnicity  
Alone or in Combination with Other Races (AOIC)  
Minnesota WIC Information System**

County <sup>1</sup>	Amer Indian AOIC NH	Asian AOIC NH <sup>2</sup>	Black/ African-Amer AOIC NH <sup>3</sup>	White AOIC NH	American Indian AOIC H	Other AOIC H <sup>4</sup>	White AOIC H
<b>WABASHA</b>							
2019 Total	<5	<5	9	172	0	<5	51
2019 Anemia	0	0	0	9 (5.2)	0	0	3 (5.9)
2018 Total	<5	<5	8	169	<5	5	44
2018 Anemia	0	0	0	13 (7.7)	0	0	1 (2.3)
2017 Total	<5	<5	16	194	<5	<5	47
2017 Anemia	0	0	2 (****)	13 (6.7)	0	0	4 (8.5)
2016 Total	<5	<5	14	232	<5	<5	44
2016 Anemia	0	0	6 (****)	22 (9.5)	0	0	6 (13.6)
2015 Total	<5	<5	26	227	<5	<5	38
2015 Anemia	0	0	8 (****)	22 (9.7)	1 (****)	0	4 (10.5)
2014 Total	<5	<5	23	243	<5	<5	37
2014 Anemia	0	0	1 (****)	13 (5.3)	0	0	1 (2.7)
2013 Total	5	<5	20	240	0	0	42
2013 Anemia	0	0	2 (****)	13 (5.4)	0	0	7 (16.7)
2012 Total	7	8	20	257	<5	0	51
2012 Anemia	1 (****)	0	3 (****)	14 (5.4)	0	0	5 (9.8)
2011 Total	<5	7	12	273	<5	0	51
2011 Anemia	0	1 (****)	3 (****)	19 (7.0)	0	0	3 (5.9)



**Anemia in Minnesota WIC Infants and Children by County and Race/Ethnicity  
Alone or in Combination with Other Races (AOIC)  
Minnesota WIC Information System**

County <sup>1</sup>	Amer Indian AOIC NH	Asian AOIC NH <sup>2</sup>	Black/ African-Amer AOIC NH <sup>3</sup>	White AOIC NH	American Indian AOIC H	Other AOIC H <sup>4</sup>	White AOIC H
<b>WADENA</b>							
2019 Total	8	<5	14	253	<5	<5	16
2019 Anemia	0	0	0	9 (3.6)	0	0	0
2018 Total	8	<5	19	239	<5	0	10
2018 Anemia	0	0	2 (****)	23 (9.6)	0	0	0
2017 Total	<5	<5	18	261	<5	<5	17
2017 Anemia	0	0	2 (****)	27 (10.3)	0	0	3 (****)
2016 Total	8	<5	11	246	<5	6	19
2016 Anemia	1 (****)	0	1 (****)	8 (3.3)	0	1 (****)	2 (****)
2015 Total	5	8	15	251	<5	<5	15
2015 Anemia	0	0	1 (****)	21 (8.4)	0	1 (****)	3 (****)
2014 Total	7	<5	11	227	<5	<5	10
2014 Anemia	0	0	1 (****)	22 (9.7)	0	2 (****)	1 (****)
2013 Total	8	5	9	226	<5	<5	15
2013 Anemia	0	0	0	21 (9.3)	0	1 (****)	2 (****)
2012 Total	14	5	14	282	<5	<5	15
2012 Anemia	1 (****)	0	1 (****)	18 (6.4)	0	1 (****)	3 (****)
2011 Total	13	<5	15	277	<5	<5	11
2011 Anemia	0	1 (****)	0	13 (4.7)	0	0	0

**Anemia in Minnesota WIC Infants and Children by County and Race/Ethnicity  
Alone or in Combination with Other Races (AOIC)  
Minnesota WIC Information System**

County <sup>1</sup>	Amer Indian AOIC NH	Asian AOIC NH <sup>2</sup>	Black/ African-Amer AOIC NH <sup>3</sup>	White AOIC NH	American Indian AOIC H	Other AOIC H <sup>4</sup>	White AOIC H
<b>WASECA</b>							
2019 Total	<5	<5	33	221	<5	<5	55
2019 Anemia	0	2 (****)	7 (21.2)	28 (12.7)	0	1 (****)	9 (16.4)
2018 Total	<5	<5	41	213	0	<5	46
2018 Anemia	1 (****)	1 (****)	8 (19.5)	30 (14.1)	0	0	8 (17.4)
2017 Total	<5	<5	36	235	<5	<5	61
2017 Anemia	1 (****)	1 (****)	6 (16.7)	35 (14.9)	0	0	8 (13.1)
2016 Total	6	<5	41	263	<5	<5	59
2016 Anemia	0	0	11 (26.8)	32 (12.2)	0	1 (****)	7 (11.9)
2015 Total	<5	5	29	248	<5	<5	72
2015 Anemia	0	1 (****)	6 (****)	33 (13.3)	0	1 (****)	11 (15.3)
2014 Total	<5	<5	36	243	0	0	49
2014 Anemia	0	0	4 (11.1)	19 (7.8)	0	0	4 (8.2)
2013 Total	<5	6	36	266	<5	0	49
2013 Anemia	0	0	3 (8.3)	11 (4.1)	1 (****)	0	6 (12.2)
2012 Total	<5	5	35	309	<5	0	57
2012 Anemia	1 (****)	0	5 (14.3)	20 (6.5)	0	0	10 (17.5)
2011 Total	<5	<5	24	316	<5	0	66
2011 Anemia	0	0	2 (****)	21 (6.6)	0	0	12 (18.2)

**Anemia in Minnesota WIC Infants and Children by County and Race/Ethnicity  
Alone or in Combination with Other Races (AOIC)  
Minnesota WIC Information System**

County <sup>1</sup>	Amer Indian AOIC NH	Asian AOIC NH <sup>2</sup>	Black/ African-Amer AOIC NH <sup>3</sup>	White AOIC NH	American Indian AOIC H	Other AOIC H <sup>4</sup>	White AOIC H
<b>WASHINGTON</b>							
2019 Total	40	256	460	1,034	29	36	159
2019 Anemia	6 (15.0)	26 (10.2)	70 (15.2)	78 (7.5)	3 (****)	5 (13.9)	17 (10.7)
2018 Total	35	275	464	994	22	42	181
2018 Anemia	4 (11.4)	25 (9.1)	76 (16.4)	98 (9.9)	1 (****)	7 (16.7)	19 (10.5)
2017 Total	34	253	504	1,071	24	53	201
2017 Anemia	5 (14.7)	26 (10.3)	73 (14.5)	124 (11.6)	2 (****)	6 (11.3)	12 (6.0)
2016 Total	37	267	497	1,108	30	58	221
2016 Anemia	1 (2.7)	27 (10.1)	67 (13.5)	95 (8.6)	2 (6.7)	6 (10.3)	18 (8.1)
2015 Total	55	298	573	1,228	46	61	247
2015 Anemia	6 (10.9)	27 (9.1)	81 (14.1)	101 (8.2)	9 (19.6)	6 (9.8)	24 (9.7)
2014 Total	58	294	579	1,287	41	53	266
2014 Anemia	5 (8.6)	17 (5.8)	58 (10.0)	76 (5.9)	2 (4.9)	2 (3.8)	12 (4.5)
2013 Total	54	274	586	1,384	58	47	276
2013 Anemia	5 (9.3)	22 (8.0)	72 (12.3)	81 (5.9)	3 (5.2)	4 (8.5)	24 (8.7)
2012 Total	64	294	601	1,501	63	54	268
2012 Anemia	7 (10.9)	14 (4.8)	86 (14.3)	100 (6.7)	4 (6.3)	3 (5.6)	15 (5.6)
2011 Total	73	294	624	1,519	85	46	266
2011 Anemia	11 (15.1)	24 (8.2)	77 (12.3)	94 (6.2)	9 (10.6)	4 (8.7)	17 (6.4)

**Anemia in Minnesota WIC Infants and Children by County and Race/Ethnicity  
Alone or in Combination with Other Races (AOIC)  
Minnesota WIC Information System**

County <sup>1</sup>	Amer Indian AOIC NH	Asian AOIC NH <sup>2</sup>	Black/ African-Amer AOIC NH <sup>3</sup>	White AOIC NH	American Indian AOIC H	Other AOIC H <sup>4</sup>	White AOIC H
<b>WATONWAN</b>							
2019 Total	0	<5	0	76	<5	<5	209
2019 Anemia	0	1 (****)	0	3 (3.9)	0	0	16 (7.7)
2018 Total	<5	6	<5	94	<5	<5	219
2018 Anemia	0	0	1 (****)	6 (6.4)	0	0	15 (6.8)
2017 Total	<5	6	<5	85	<5	5	215
2017 Anemia	0	2 (****)	0	8 (9.4)	1 (****)	0	18 (8.4)
2016 Total	<5	<5	<5	95	<5	<5	215
2016 Anemia	0	1 (****)	1 (****)	6 (6.3)	0	0	12 (5.6)
2015 Total	<5	5	<5	112	5	<5	186
2015 Anemia	1 (****)	0	0	7 (6.2)	0	0	14 (7.5)
2014 Total	<5	<5	<5	97	9	<5	187
2014 Anemia	1 (****)	0	1 (****)	14 (14.4)	2 (****)	1 (****)	18 (9.6)
2013 Total	0	<5	<5	111	7	0	183
2013 Anemia	0	0	0	3 (2.7)	1 (****)	0	14 (7.7)
2012 Total	<5	<5	<5	128	15	<5	199
2012 Anemia	1 (****)	0	3 (****)	15 (11.7)	1 (****)	0	15 (7.5)
2011 Total	<5	<5	7	138	27	<5	215
2011 Anemia	0	0	2 (****)	3 (2.2)	2 (****)	0	13 (6.0)

**Anemia in Minnesota WIC Infants and Children by County and Race/Ethnicity  
Alone or in Combination with Other Races (AOIC)  
Minnesota WIC Information System**

County <sup>1</sup>	Amer Indian AOIC NH	Asian AOIC NH <sup>2</sup>	Black/ African-Amer AOIC NH <sup>3</sup>	White AOIC NH	American Indian AOIC H	Other AOIC H <sup>4</sup>	White AOIC H
<b>WILKIN</b>							
2019 Total	13	0	6	76	<5	<5	6
2019 Anemia	1 (****)	0	0	8 (10.5)	1 (****)	1 (****)	2 (****)
2018 Total	11	<5	6	83	<5	<5	9
2018 Anemia	2 (****)	0	0	7 (8.4)	0	0	1 (****)
2017 Total	13	<5	5	82	<5	<5	11
2017 Anemia	2 (****)	0	0	5 (6.1)	1 (****)	1 (****)	2 (****)
2016 Total	10	<5	<5	62	5	<5	12
2016 Anemia	0	0	1 (****)	11 (17.7)	1 (****)	0	1 (****)
2015 Total	14	<5	<5	59	<5	<5	15
2015 Anemia	3 (****)	0	1 (****)	7 (11.9)	1 (****)	1 (****)	1 (****)
2014 Total	10	<5	<5	86	6	<5	12
2014 Anemia	2 (****)	0	0	5 (5.8)	1 (****)	0	1 (****)
2013 Total	13	<5	<5	111	7	<5	19
2013 Anemia	0	1 (****)	0	9 (8.1)	2 (****)	0	1 (****)
2012 Total	14	0	6	121	<5	<5	14
2012 Anemia	2 (****)	0	0	9 (7.4)	0	0	1 (****)
2011 Total	14	<5	7	141	<5	<5	16
2011 Anemia	2 (****)	0	4 (****)	22 (15.6)	0	0	1 (****)

**Anemia in Minnesota WIC Infants and Children by County and Race/Ethnicity  
Alone or in Combination with Other Races (AOIC)  
Minnesota WIC Information System**

County <sup>1</sup>	Amer Indian AOIC NH	Asian AOIC NH <sup>2</sup>	Black/ African-Amer AOIC NH <sup>3</sup>	White AOIC NH	American Indian AOIC H	Other AOIC H <sup>4</sup>	White AOIC H
<b>WINONA</b>							
2019 Total	<5	23	71	318	0	<5	57
2019 Anemia	0	5 (****)	18 (25.4)	45 (14.2)	0	1 (****)	8 (14.0)
2018 Total	<5	23	66	321	0	<5	63
2018 Anemia	0	6 (****)	12 (18.2)	54 (16.8)	0	1 (****)	8 (12.7)
2017 Total	<5	27	62	358	0	<5	67
2017 Anemia	0	3 (****)	20 (32.3)	71 (19.8)	0	1 (****)	12 (17.9)
2016 Total	<5	20	71	395	<5	<5	77
2016 Anemia	0	3 (****)	22 (31.0)	75 (19.0)	0	0	11 (14.3)
2015 Total	<5	20	75	439	<5	<5	72
2015 Anemia	0	2 (****)	26 (34.7)	86 (19.6)	1 (****)	0	16 (22.2)
2014 Total	<5	23	66	480	11	<5	73
2014 Anemia	0	1 (****)	13 (19.7)	83 (17.3)	2 (****)	0	12 (16.4)
2013 Total	<5	23	66	526	19	<5	63
2013 Anemia	1 (****)	4 (****)	19 (28.8)	84 (16.0)	2 (****)	1 (****)	6 (9.5)
2012 Total	0	23	61	535	24	<5	54
2012 Anemia	0	3 (****)	14 (23.0)	71 (13.3)	6 (****)	0	6 (11.1)
2011 Total	<5	31	56	559	39	<5	48
2011 Anemia	0	1 (3.2)	8 (14.3)	69 (12.3)	11 (28.2)	0	8 (16.7)

**Anemia in Minnesota WIC Infants and Children by County and Race/Ethnicity  
Alone or in Combination with Other Races (AOIC)  
Minnesota WIC Information System**

County <sup>1</sup>	Amer Indian AOIC NH	Asian AOIC NH <sup>2</sup>	Black/ African-Amer AOIC NH <sup>3</sup>	White AOIC NH	American Indian AOIC H	Other AOIC H <sup>4</sup>	White AOIC H
<b>WRIGHT</b>							
2019 Total	21	43	137	1,068	30	19	129
2019 Anemia	2 (****)	5 (11.6)	24 (17.5)	129 (12.1)	7 (23.3)	4 (****)	21 (16.3)
2018 Total	31	51	125	1,071	38	16	145
2018 Anemia	4 (12.9)	4 (7.8)	27 (21.6)	136 (12.7)	6 (15.8)	3 (****)	18 (12.4)
2017 Total	26	51	138	1,135	32	16	146
2017 Anemia	5 (****)	6 (11.8)	18 (13.0)	127 (11.2)	5 (15.6)	4 (****)	22 (15.1)
2016 Total	32	48	147	1,163	50	16	144
2016 Anemia	2 (6.2)	6 (12.5)	20 (13.6)	117 (10.1)	3 (6.0)	0	15 (10.4)
2015 Total	42	41	130	1,256	48	20	130
2015 Anemia	2 (4.8)	4 (9.8)	16 (12.3)	108 (8.6)	3 (6.2)	1 (****)	16 (12.3)
2014 Total	52	62	119	1,251	63	17	146
2014 Anemia	4 (7.7)	4 (6.5)	10 (8.4)	81 (6.5)	7 (11.1)	0	13 (8.9)
2013 Total	49	51	135	1,362	69	15	147
2013 Anemia	4 (8.2)	8 (15.7)	13 (9.6)	72 (5.3)	3 (4.3)	1 (****)	14 (9.5)
2012 Total	42	53	159	1,451	81	14	142
2012 Anemia	5 (11.9)	12 (22.6)	23 (14.5)	98 (6.8)	2 (2.5)	0	5 (3.5)
2011 Total	44	64	148	1,545	101	17	150
2011 Anemia	3 (6.8)	7 (10.9)	24 (16.2)	116 (7.5)	8 (7.9)	0	11 (7.3)

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County <sup>1</sup>	Amer Indian AOIC NH	Asian AOIC NH <sup>2</sup>	Black/ African-Amer AOIC NH <sup>3</sup>	White AOIC NH	American Indian AOIC H	Other AOIC H <sup>4</sup>	White AOIC H
<b>YELLOW MEDICINE</b>							
2019 Total	10	0	11	126	<5	<5	21
2019 Anemia	0	0	3 (****)	11 (8.7)	1 (****)	0	1 (****)
2018 Total	15	0	<5	151	<5	<5	32
2018 Anemia	1 (****)	0	2 (****)	15 (9.9)	0	0	3 (9.4)
2017 Total	17	0	<5	164	<5	<5	38
2017 Anemia	2 (****)	0	1 (****)	16 (9.8)	0	0	5 (13.2)
2016 Total	13	<5	10	158	<5	<5	39
2016 Anemia	1 (****)	0	0	12 (7.6)	1 (****)	0	3 (7.7)
2015 Total	16	<5	7	166	<5	<5	42
2015 Anemia	4 (****)	0	2 (****)	33 (19.9)	0	0	7 (16.7)
2014 Total	12	<5	8	178	<5	<5	40
2014 Anemia	2 (****)	0	1 (****)	25 (14.0)	0	1 (****)	9 (22.5)
2013 Total	6	<5	<5	179	<5	0	28
2013 Anemia	1 (****)	0	1 (****)	22 (12.3)	1 (****)	0	4 (****)
2012 Total	16	<5	11	196	<5	<5	31
2012 Anemia	2 (****)	1 (****)	3 (****)	27 (13.8)	0	0	6 (19.4)
2011 Total	270	15	<5	10	211	<5	<5
2011 Anemia	29 (10.7)	1 (****)	0	1 (****)	23 (10.9)	0	0



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County <sup>1</sup>	Amer Indian AOIC NH	Asian AOIC NH <sup>2</sup>	Black/ African- Amer AOIC NH <sup>3</sup>	White AOIC NH	American Indian AOIC H	Other AOIC H <sup>4</sup>	White AOIC H
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NH=Non Hispanic H= Hispanic

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

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

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

<sup>1</sup>County where child lived as of January of the subsequent calendar year.

<sup>2</sup> Includes Asian, Asian Pacific Islander and Native Hawaiian participants

<sup>3</sup> Includes both African-Americans and African participants

<sup>4</sup> Includes Black/African-American and Asian participations

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

Low hemoglobin is characteristic of anemia.

One hemoglobin measure was randomly selected per child per year.