

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

City ¹	Amer Indian AOIC NH	Asian AOIC NH ²	Black/ African- Amer AOIC NH ³	White AOIC NH	American Indian AOIC H	Other AOIC H ⁴	White AOIC H
MINNESOTA							
<i>2019 Total</i>	<i>4,684</i>	<i>11,064</i>	<i>32,105</i>	<i>35,903</i>	<i>1,983</i>	<i>1,754</i>	<i>14,118</i>
<i>2019 Anemia⁵</i>	<i>711 (15.2)</i>	<i>1,851 (16.7)</i>	<i>6,281 (19.6)</i>	<i>3,498 (9.7)</i>	<i>285 (14.4)</i>	<i>263 (15.0)</i>	<i>1,653 (11.7)</i>
<i>2018 Total</i>	<i>4,631</i>	<i>9,711</i>	<i>25,303</i>	<i>35,439</i>	<i>1,828</i>	<i>1,495</i>	<i>12,516</i>
<i>2018 Anemia</i>	<i>754 (16.3)</i>	<i>1,694 (17.4)</i>	<i>4,839 (19.1)</i>	<i>3,803 (10.7)</i>	<i>247 (13.5)</i>	<i>243 (16.3)</i>	<i>1,533 (12.2)</i>
<i>2017 Total</i>	<i>4,741</i>	<i>10,104</i>	<i>25,963</i>	<i>38,363</i>	<i>2,187</i>	<i>1,529</i>	<i>13,189</i>
<i>2017 Anemia</i>	<i>711 (15.0)</i>	<i>1,708 (16.9)</i>	<i>4,937 (19.0)</i>	<i>4,189 (10.9)</i>	<i>299 (13.7)</i>	<i>271 (17.7)</i>	<i>1,691 (12.8)</i>
<i>2016 Total</i>	<i>4,857</i>	<i>10,397</i>	<i>25,965</i>	<i>40,338</i>	<i>2,608</i>	<i>1,545</i>	<i>13,512</i>
<i>2016 Anemia</i>	<i>675 (13.9)</i>	<i>1,712 (16.5)</i>	<i>4,678 (18.0)</i>	<i>3,991 (9.9)</i>	<i>344 (13.2)</i>	<i>266 (17.2)</i>	<i>1,592 (11.8)</i>
<i>2015 Total</i>	<i>5,294</i>	<i>10,466</i>	<i>25,758</i>	<i>42,564</i>	<i>3,100</i>	<i>1,648</i>	<i>14,088</i>
<i>2015 Anemia</i>	<i>715 (13.5)</i>	<i>1,564 (14.9)</i>	<i>4,714 (18.3)</i>	<i>3,985 (9.4)</i>	<i>389 (12.5)</i>	<i>276 (16.7)</i>	<i>1,655 (11.7)</i>
<i>2014 Total</i>	<i>5,460</i>	<i>10,187</i>	<i>25,167</i>	<i>44,613</i>	<i>3,678</i>	<i>1,572</i>	<i>14,188</i>
<i>2014 Anemia</i>	<i>799 (14.6)</i>	<i>1,403 (13.8)</i>	<i>4,243 (16.9)</i>	<i>3,860 (8.7)</i>	<i>434 (11.8)</i>	<i>218 (13.9)</i>	<i>1,576 (11.1)</i>
<i>2013 Total</i>	<i>5,448</i>	<i>10,124</i>	<i>24,098</i>	<i>46,003</i>	<i>4,333</i>	<i>1,560</i>	<i>14,519</i>
<i>2013 Anemia</i>	<i>813 (14.9)</i>	<i>1,350 (13.3)</i>	<i>3,822 (15.9)</i>	<i>3,629 (7.9)</i>	<i>497 (11.5)</i>	<i>210 (13.5)</i>	<i>1,532 (10.6)</i>
<i>2012 Total</i>	<i>5,484</i>	<i>9,685</i>	<i>23,397</i>	<i>48,991</i>	<i>4,956</i>	<i>1,503</i>	<i>14,967</i>
<i>2012 Anemia</i>	<i>796 (14.5)</i>	<i>1,343 (13.9)</i>	<i>3,861 (16.5)</i>	<i>3,740 (7.6)</i>	<i>505 (10.2)</i>	<i>183 (12.2)</i>	<i>1,531 (10.2)</i>
<i>2011 Total</i>	<i>5,798</i>	<i>9,612</i>	<i>23,690</i>	<i>52,586</i>	<i>5,732</i>	<i>1,508</i>	<i>16,018</i>
<i>2011 Anemia</i>	<i>777 (13.4)</i>	<i>1,409 (14.7)</i>	<i>3,930 (16.6)</i>	<i>3,859 (7.3)</i>	<i>644 (11.2)</i>	<i>186 (12.3)</i>	<i>1,594 (10.0)</i>

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City ¹	Amer Indian AOIC NH	Asian AOIC NH ²	Black/ African- Amer AOIC NH ³	White AOIC NH	American Indian AOIC H	Other AOIC H ⁴	White AOIC H
AITKIN-ITASCA- KOOCHICHING: GRAND RAPIDS							
2019 Total	29	5	23	285	<5	0	14
2019 Anemia	4 (****)	0	4 (****)	17 (6.0)	0	0	0
2018 Total	33	13	19	277	<5	0	15
2018 Anemia	6 (18.2)	1 (****)	3 (****)	27 (9.7)	0	0	3 (****)
2017 Total	32	9	9	288	<5	<5	17
2017 Anemia	3 (9.4)	0	1 (****)	21 (7.3)	0	0	1 (****)
2016 Total	26	11	15	317	<5	<5	15
2016 Anemia	4 (****)	1 (****)	3 (****)	19 (6.0)	0	0	1 (****)
2015 Total	26	11	10	314	<5	<5	12
2015 Anemia	3 (****)	4 (****)	5 (****)	33 (10.5)	0	0	0
2014 Total	21	<5	6	275	<5	<5	10
2014 Anemia	0	0	0	24 (8.7)	1 (****)	0	1 (****)
2013 Total	21	5	7	314	<5	<5	16
2013 Anemia	5 (****)	2 (****)	1 (****)	35 (11.1)	0	0	1 (****)
2012 Total	25	<5	12	336	<5	<5	12
2012 Anemia	1 (****)	1 (****)	2 (****)	19 (5.7)	1 (****)	0	0
2011 Total	29	6	12	362	5	5	17
2011 Anemia	2 (****)	1 (****)	1 (****)	30 (8.3)	0	0	0

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ANOKA: ANDOVER/ RAMSEY							
2019 Total	8	53	101	260	0	6	27
2019 Anemia	1 (****)	5 (9.4)	16 (15.8)	23 (8.8)	0	0	3 (****)
2018 Total	8	45	89	250	<5	7	29
2018 Anemia	1 (****)	1 (2.2)	11 (12.4)	18 (7.2)	1 (****)	1 (****)	3 (****)
2017 Total	7	40	87	236	<5	<5	28
2017 Anemia	1 (****)	7 (17.5)	9 (10.3)	20 (8.5)	0	0	0
2016 Total	5	41	65	224	<5	<5	25
2016 Anemia	0	1 (2.4)	7 (10.8)	14 (6.2)	0	0	0
2015 Total	5	33	68	280	<5	<5	30
2015 Anemia	0	3 (9.1)	10 (14.7)	22 (7.9)	0	0	5 (16.7)
2014 Total	6	27	63	271	<5	<5	28
2014 Anemia	2 (****)	2 (****)	8 (12.7)	18 (6.6)	0	0	1 (****)
2013 Total	7	22	70	280	<5	<5	32
2013 Anemia	2 (****)	1 (****)	8 (11.4)	19 (6.8)	0	0	0
2012 Total	6	15	66	312	<5	<5	33
2012 Anemia	0	3 (****)	11 (16.7)	26 (8.3)	0	0	0
2011 Total	5	13	79	338	<5	<5	37
2011 Anemia	1 (****)	1 (****)	12 (15.2)	22 (6.5)	1 (****)	1 (****)	2 (5.4)

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ANOKA: ANOKA							
2019 Total	16	25	117	180	<5	7	28
2019 Anemia	2 (****)	3 (****)	18 (15.4)	13 (7.2)	0	0	2 (****)
2018 Total	14	16	125	160	<5	6	29
2018 Anemia	1 (****)	0	31 (24.8)	17 (10.6)	0	1 (****)	2 (****)
2017 Total	12	7	107	180	<5	12	37
2017 Anemia	0	1 (****)	13 (12.1)	5 (2.8)	0	0	2 (5.4)
2016 Total	11	8	107	201	<5	<5	24
2016 Anemia	0	3 (****)	17 (15.9)	9 (4.5)	0	0	3 (****)
2015 Total	16	13	74	204	<5	5	32
2015 Anemia	2 (****)	2 (****)	16 (21.6)	14 (6.9)	1 (****)	0	0
2014 Total	8	18	83	232	<5	6	28
2014 Anemia	1 (****)	1 (****)	6 (7.2)	19 (8.2)	0	0	0
2013 Total	11	19	74	220	<5	9	44
2013 Anemia	0	0	11 (14.9)	15 (6.8)	1 (****)	1 (****)	5 (11.4)
2012 Total	16	21	79	245	9	9	45
2012 Anemia	1 (****)	3 (****)	10 (12.7)	23 (9.4)	1 (****)	1 (****)	5 (11.1)
2011 Total	18	18	62	240	9	12	43
2011 Anemia	2 (****)	1 (****)	13 (21.0)	16 (6.7)	2 (****)	0	3 (7.0)

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ANOKA: BETHEL/EAST BETHEL/ HAM LAKE/ ST. FRANCIS							
2019 Total	<5	22	23	177	<5	<5	20
2019 Anemia	1 (****)	1 (****)	8 (****)	13 (7.3)	0	0	0
2018 Total	7	30	16	221	<5	<5	13
2018 Anemia	0	1 (3.3)	2 (****)	19 (8.6)	1 (****)	0	1 (****)
2017 Total	6	27	28	222	0	<5	15
2017 Anemia	1 (****)	1 (****)	4 (****)	23 (10.4)	0	1 (****)	2 (****)
2016 Total	6	24	28	209	<5	<5	13
2016 Anemia	0	2 (****)	2 (****)	21 (10.0)	0	1 (****)	2 (****)
2015 Total	7	24	22	249	<5	<5	15
2015 Anemia	1 (****)	3 (****)	1 (****)	21 (8.4)	0	0	2 (****)
2014 Total	6	22	17	269	<5	<5	14
2014 Anemia	0	0	2 (****)	17 (6.3)	0	0	2 (****)
2013 Total	7	22	17	249	<5	<5	23
2013 Anemia	0	0	1 (****)	14 (5.6)	0	0	2 (****)
2012 Total	7	25	13	281	<5	<5	25
2012 Anemia	0	0	0	14 (5.0)	0	0	0
2011 Total	9	24	17	284	<5	<5	22
2011 Anemia	1 (****)	0	0	17 (6.0)	1 (****)	0	1 (****)

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ANOKA: BLAINE							
2019 Total	18	105	200	283	<5	22	87
2019 Anemia	2 (****)	10 (9.5)	30 (15.0)	23 (8.1)	0	3 (****)	8 (9.2)
2018 Total	19	94	226	324	7	8	86
2018 Anemia	4 (****)	8 (8.5)	29 (12.8)	40 (12.3)	1 (****)	3 (****)	9 (10.5)
2017 Total	18	94	203	349	7	8	95
2017 Anemia	2 (****)	17 (18.1)	30 (14.8)	38 (10.9)	2 (****)	0	16 (16.8)
2016 Total	16	72	177	357	5	7	104
2016 Anemia	0	6 (8.3)	18 (10.2)	51 (14.3)	1 (****)	0	9 (8.7)
2015 Total	18	78	190	418	<5	6	91
2015 Anemia	0	7 (9.0)	14 (7.4)	28 (6.7)	1 (****)	1 (****)	7 (7.7)
2014 Total	25	81	163	441	6	8	95
2014 Anemia	2 (****)	7 (8.6)	18 (11.0)	35 (7.9)	0	0	4 (4.2)
2013 Total	20	80	168	408	13	8	90
2013 Anemia	3 (****)	7 (8.8)	15 (8.9)	35 (8.6)	0	0	2 (2.2)
2012 Total	25	96	170	408	18	9	83
2012 Anemia	2 (****)	12 (12.5)	16 (9.4)	26 (6.4)	0	1 (****)	5 (6.0)
2011 Total	20	95	167	442	18	7	90
2011 Anemia	1 (****)	7 (7.4)	18 (10.8)	29 (6.6)	2 (****)	0	7 (7.8)

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ANOKA: CENTERVILLE/ CIRCLE PINES/LINO LAKES/SPRING LK PK							
2019 Total	<5	48	88	136	<5	<5	18
2019 Anemia	0	6 (12.5)	10 (11.4)	19 (14.0)	0	0	0
2018 Total	<5	39	83	148	<5	8	28
2018 Anemia	0	3 (7.7)	11 (13.3)	17 (11.5)	0	0	1 (****)
2017 Total	7	34	49	162	<5	9	33
2017 Anemia	0	3 (8.8)	3 (6.1)	9 (5.6)	0	4 (****)	8 (24.2)
2016 Total	8	28	56	165	<5	5	25
2016 Anemia	1 (****)	2 (****)	9 (16.1)	9 (5.5)	0	2 (****)	2 (****)
2015 Total	8	27	72	179	<5	10	31
2015 Anemia	2 (****)	3 (****)	7 (9.7)	16 (8.9)	1 (****)	3 (****)	3 (9.7)
2014 Total	11	38	60	181	<5	<5	31
2014 Anemia	1 (****)	3 (7.9)	5 (8.3)	7 (3.9)	0	0	2 (6.5)
2013 Total	10	42	48	163	<5	<5	40
2013 Anemia	1 (****)	2 (4.8)	6 (12.5)	8 (4.9)	0	0	2 (5.0)
2012 Total	12	36	55	204	6	5	43
2012 Anemia	0	5 (13.9)	11 (20.0)	11 (5.4)	0	0	2 (4.7)
2011 Total	10	37	73	241	7	<5	42
2011 Anemia	0	2 (5.4)	12 (16.4)	20 (8.3)	0	0	2 (4.8)

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ANOKA: COLUMBIA HEIGHTS							
2019 Total	8	18	221	106	6	11	120
2019 Anemia	3 (****)	0	32 (14.5)	10 (9.4)	0	0	8 (6.7)
2018 Total	9	22	179	105	8	11	107
2018 Anemia	1 (****)	3 (****)	20 (11.2)	12 (11.4)	1 (****)	1 (****)	8 (7.5)
2017 Total	11	29	185	134	15	9	114
2017 Anemia	2 (****)	4 (****)	20 (10.8)	12 (9.0)	1 (****)	1 (****)	8 (7.0)
2016 Total	12	29	212	148	15	7	117
2016 Anemia	1 (****)	3 (****)	16 (7.5)	14 (9.5)	3 (****)	3 (****)	10 (8.5)
2015 Total	16	18	243	155	17	5	107
2015 Anemia	2 (****)	4 (****)	30 (12.3)	12 (7.7)	2 (****)	0	18 (16.8)
2014 Total	20	17	238	171	13	10	107
2014 Anemia	0	3 (****)	22 (9.2)	14 (8.2)	0	0	9 (8.4)
2013 Total	17	21	255	157	15	13	102
2013 Anemia	1 (****)	4 (****)	20 (7.8)	4 (2.5)	2 (****)	1 (****)	11 (10.8)
2012 Total	15	18	284	164	18	10	112
2012 Anemia	2 (****)	2 (****)	29 (10.2)	10 (6.1)	2 (****)	0	7 (6.2)
2011 Total	19	24	286	164	21	13	124
2011 Anemia	3 (****)	2 (****)	37 (12.9)	11 (6.7)	1 (****)	2 (****)	9 (7.3)

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ANOKA: COON RAPIDS							
2019 Total	22	124	361	453	5	14	90
2019 Anemia	3 (****)	12 (9.7)	60 (16.6)	40 (8.8)	0	2 (****)	9 (10.0)
2018 Total	31	85	339	497	10	13	91
2018 Anemia	2 (6.5)	10 (11.8)	54 (15.9)	44 (8.9)	1 (****)	2 (****)	11 (12.1)
2017 Total	20	88	323	525	8	14	96
2017 Anemia	1 (****)	6 (6.8)	49 (15.2)	49 (9.3)	0	0	7 (7.3)
2016 Total	23	78	327	523	10	21	98
2016 Anemia	1 (****)	9 (11.5)	40 (12.2)	53 (10.1)	2 (****)	6 (****)	6 (6.1)
2015 Total	27	81	353	607	10	19	97
2015 Anemia	3 (****)	12 (14.8)	39 (11.0)	49 (8.1)	0	2 (****)	8 (8.2)
2014 Total	31	70	300	628	5	15	93
2014 Anemia	2 (6.5)	10 (14.3)	40 (13.3)	39 (6.2)	1 (****)	1 (****)	8 (8.6)
2013 Total	27	60	299	576	8	16	86
2013 Anemia	1 (****)	8 (13.3)	37 (12.4)	43 (7.5)	0	0	6 (7.0)
2012 Total	25	56	287	596	13	19	100
2012 Anemia	1 (****)	14 (25.0)	36 (12.5)	35 (5.9)	0	1 (****)	7 (7.0)
2011 Total	21	67	293	643	15	15	89
2011 Anemia	2 (****)	8 (11.9)	44 (15.0)	32 (5.0)	0	0	3 (3.4)

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ANOKA: FRIDLEY							
2019 Total	17	46	250	190	12	11	109
2019 Anemia	2 (****)	3 (6.5)	42 (16.8)	28 (14.7)	2 (****)	1 (****)	14 (12.8)
2018 Total	14	63	306	202	13	10	124
2018 Anemia	0	3 (4.8)	49 (16.0)	22 (10.9)	1 (****)	0	14 (11.3)
2017 Total	20	56	281	185	10	13	130
2017 Anemia	2 (****)	3 (5.4)	45 (16.0)	21 (11.4)	1 (****)	4 (****)	21 (16.2)
2016 Total	19	64	230	209	13	11	129
2016 Anemia	4 (****)	7 (10.9)	39 (17.0)	25 (12.0)	0	0	11 (8.5)
2015 Total	22	50	262	241	17	15	143
2015 Anemia	1 (****)	4 (8.0)	37 (14.1)	19 (7.9)	3 (****)	2 (****)	18 (12.6)
2014 Total	21	55	288	271	19	12	131
2014 Anemia	1 (****)	2 (3.6)	44 (15.3)	24 (8.9)	2 (****)	2 (****)	18 (13.7)
2013 Total	24	45	266	261	23	19	131
2013 Anemia	1 (****)	3 (6.7)	34 (12.8)	25 (9.6)	2 (****)	4 (****)	8 (6.1)
2012 Total	12	48	255	242	29	17	142
2012 Anemia	1 (****)	5 (10.4)	32 (12.5)	17 (7.0)	2 (****)	2 (****)	20 (14.1)
2011 Total	17	26	284	285	38	19	161
2011 Anemia	0	3 (****)	32 (11.3)	16 (5.6)	7 (18.4)	2 (****)	16 (9.9)

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BELTRAMI: BEMIDJI							
2019 Total	290	7	38	403	10	6	22
2019 Anemia	20 (6.9)	0	2 (5.3)	17 (4.2)	0	0	0
2018 Total	255	6	32	405	9	<5	12
2018 Anemia	21 (8.2)	0	1 (3.1)	22 (5.4)	3 (****)	1 (****)	2 (****)
2017 Total	264	8	31	447	14	<5	16
2017 Anemia	26 (9.8)	2 (****)	4 (12.9)	38 (8.5)	2 (****)	0	1 (****)
2016 Total	268	11	42	508	13	6	20
2016 Anemia	34 (12.7)	0	5 (11.9)	37 (7.3)	1 (****)	0	0
2015 Total	284	11	47	525	13	5	24
2015 Anemia	28 (9.9)	2 (****)	9 (19.1)	38 (7.2)	1 (****)	1 (****)	1 (****)
2014 Total	277	11	57	634	21	<5	18
2014 Anemia	34 (12.3)	3 (****)	4 (7.0)	44 (6.9)	1 (****)	0	1 (****)
2013 Total	287	14	65	632	22	<5	18
2013 Anemia	46 (16.0)	3 (****)	6 (9.2)	51 (8.1)	3 (****)	0	2 (****)
2012 Total	302	14	55	662	18	<5	16
2012 Anemia	47 (15.6)	0	8 (14.5)	43 (6.5)	3 (****)	0	1 (****)
2011 Total	313	15	54	748	28	<5	21
2011 Anemia	41 (13.1)	1 (****)	9 (16.7)	55 (7.4)	3 (****)	0	0

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City and Race/Ethnicity
Minnesota WIC Information System**

City ¹	Amer Indian AOIC NH	Asian AOIC NH ²	Black/ African- Amer AOIC NH ³	White AOIC NH	American Indian AOIC H	Other AOIC H ⁴	White AOIC H
HENNEPIN: BLOOMINGTON							
2019 Total	18	84	529	232	36	26	246
2019 Anemia	1 (****)	9 (10.7)	60 (11.3)	13 (5.6)	1 (2.8)	0	17 (6.9)
2018 Total	23	86	492	228	59	30	281
2018 Anemia	2 (****)	11 (12.8)	39 (7.9)	19 (8.3)	2 (3.4)	3 (10.0)	20 (7.1)
2017 Total	19	92	516	270	86	22	285
2017 Anemia	0	14 (15.2)	55 (10.7)	15 (5.6)	7 (8.1)	3 (****)	22 (7.7)
2016 Total	22	106	489	272	107	20	271
2016 Anemia	0	16 (15.1)	70 (14.3)	20 (7.4)	14 (13.1)	2 (****)	20 (7.4)
2015 Total	22	111	497	260	125	19	263
2015 Anemia	1 (****)	14 (12.6)	65 (13.1)	18 (6.9)	12 (9.6)	1 (****)	21 (8.0)
2014 Total	27	100	483	297	144	20	225
2014 Anemia	1 (****)	8 (8.0)	46 (9.5)	27 (9.1)	16 (11.1)	2 (****)	21 (9.3)
2013 Total	25	103	480	330	156	19	238
2013 Anemia	1 (****)	16 (15.5)	54 (11.2)	23 (7.0)	14 (9.0)	2 (****)	25 (10.5)
2012 Total	21	96	450	331	163	30	265
2012 Anemia	4 (****)	12 (12.5)	67 (14.9)	30 (9.1)	17 (10.4)	4 (13.3)	33 (12.5)
2011 Total	32	99	449	327	144	23	296
2011 Anemia	3 (9.4)	9 (9.1)	60 (13.4)	25 (7.6)	21 (14.6)	2 (****)	32 (10.8)

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

City ¹	Amer Indian AOIC NH	Asian AOIC NH ²	Black/ African- Amer AOIC NH ³	White AOIC NH	American Indian AOIC H	Other AOIC H ⁴	White AOIC H
BLUE EARTH: MANKATO							
2019 Total	14	21	235	351	5	15	75
2019 Anemia	3 (****)	2 (****)	46 (19.6)	61 (17.4)	1 (****)	4 (****)	11 (14.7)
2018 Total	10	23	211	354	5	11	73
2018 Anemia	2 (****)	3 (****)	69 (32.7)	104 (29.4)	2 (****)	5 (****)	22 (30.1)
2017 Total	12	15	209	354	<5	9	73
2017 Anemia	4 (****)	4 (****)	70 (33.5)	79 (22.3)	2 (****)	4 (****)	23 (31.5)
2016 Total	15	22	190	388	<5	8	59
2016 Anemia	1 (****)	3 (****)	51 (26.8)	80 (20.6)	0	3 (****)	15 (25.4)
2015 Total	5	24	207	442	<5	7	37
2015 Anemia	1 (****)	4 (****)	45 (21.7)	57 (12.9)	0	2 (****)	6 (16.2)
2014 Total	<5	17	197	475	<5	11	42
2014 Anemia	0	0	36 (18.3)	50 (10.5)	0	3 (****)	7 (16.7)
2013 Total	5	20	175	502	<5	6	41
2013 Anemia	1 (****)	1 (****)	17 (9.7)	47 (9.4)	0	0	3 (7.3)
2012 Total	8	24	196	534	<5	6	40
2012 Anemia	0	0	27 (13.8)	52 (9.7)	0	0	5 (12.5)
2011 Total	11	29	190	577	7	6	50
2011 Anemia	1 (****)	2 (****)	31 (16.3)	60 (10.4)	1 (****)	0	5 (10.0)

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

City ¹	Amer Indian AOIC NH	Asian AOIC NH ²	Black/ African- Amer AOIC NH ³	White AOIC NH	American Indian AOIC H	Other AOIC H ⁴	White AOIC H
CARLTON-COOK- LAKE-ST. LOUIS: AURORA/BIWABI K/BUHL/CHISHOL M/ ELY/ EMBARRASS/ EVELETH/GILBER T/ HIBBING/MT IRON/ VIRGINIA							
2019 Total	43	10	38	406	<5	7	26
2019 Anemia	3 (7.0)	1 (****)	5 (13.2)	21 (5.2)	1 (****)	3 (****)	7 (****)
2018 Total	38	7	43	431	8	9	25
2018 Anemia	7 (18.4)	1 (****)	3 (7.0)	20 (4.6)	1 (****)	2 (****)	5 (****)
2017 Total	34	8	46	456	5	8	29
2017 Anemia	1 (2.9)	0	3 (6.5)	15 (3.3)	1 (****)	1 (****)	3 (****)
2016 Total	48	7	36	511	<5	8	26
2016 Anemia	5 (10.4)	0	3 (8.3)	24 (4.7)	0	1 (****)	1 (****)
2015 Total	54	12	45	551	<5	6	30
2015 Anemia	4 (7.4)	0	0	16 (2.9)	0	1 (****)	2 (6.7)
2014 Total	50	10	39	516	<5	<5	20
2014 Anemia	11 (22.0)	1 (****)	3 (7.7)	36 (7.0)	1 (****)	1 (****)	3 (****)
2013 Total	50	11	29	524	6	7	27
2013 Anemia	5 (10.0)	2 (****)	1 (****)	29 (5.5)	0	1 (****)	2 (****)
2012 Total	49	9	48	627	9	6	27
2012 Anemia	0	1 (****)	4 (8.3)	27 (4.3)	0	1 (****)	0
2011 Total	48	14	49	653	8	<5	27
2011 Anemia	3 (6.2)	0	4 (8.2)	28 (4.3)	0	0	1 (****)

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

City ¹	Amer Indian AOIC NH	Asian AOIC NH ²	Black/ African- Amer AOIC NH ³	White AOIC NH	American Indian AOIC H	Other AOIC H ⁴	White AOIC H
CARLTON-COOK- LAKE-ST. LOUIS: CLOQUET							
2019 Total	158	5	21	234	<5	<5	9
2019 Anemia	17 (10.8)	0	2 (****)	15 (6.4)	1 (****)	0	0
2018 Total	152	<5	21	212	<5	0	9
2018 Anemia	8 (5.3)	1 (****)	1 (****)	15 (7.1)	1 (****)	0	1 (****)
2017 Total	166	8	21	242	8	<5	11
2017 Anemia	11 (6.6)	2 (****)	5 (****)	25 (10.3)	0	0	2 (****)
2016 Total	153	<5	22	247	11	<5	12
2016 Anemia	12 (7.8)	0	4 (****)	19 (7.7)	0	0	0
2015 Total	160	7	23	276	11	<5	10
2015 Anemia	7 (4.4)	1 (****)	2 (****)	24 (8.7)	0	0	0
2014 Total	180	10	19	287	20	<5	18
2014 Anemia	5 (2.8)	1 (****)	3 (****)	11 (3.8)	1 (****)	0	0
2013 Total	191	<5	21	307	16	<5	10
2013 Anemia	11 (5.8)	0	3 (****)	27 (8.8)	1 (****)	0	0
2012 Total	198	<5	30	339	14	<5	10
2012 Anemia	11 (5.6)	1 (****)	2 (6.7)	12 (3.5)	0	0	0
2011 Total	204	7	27	341	15	5	17
2011 Anemia	13 (6.4)	0	4 (****)	12 (3.5)	0	0	0

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

City ¹	Amer Indian AOIC NH	Asian AOIC NH ²	Black/ African- Amer AOIC NH ³	White AOIC NH	American Indian AOIC H	Other AOIC H ⁴	White AOIC H
CARLTON-COOK- LAKE-ST. LOUIS: DULUTH							
2019 Total	152	20	210	807	13	23	55
2019 Anemia	18 (11.8)	2 (****)	37 (17.6)	60 (7.4)	0	2 (****)	2 (3.6)
2018 Total	195	18	229	855	18	18	57
2018 Anemia	24 (12.3)	2 (****)	35 (15.3)	82 (9.6)	0	3 (****)	4 (7.0)
2017 Total	200	20	256	951	12	23	57
2017 Anemia	29 (14.5)	1 (****)	32 (12.5)	77 (8.1)	3 (****)	4 (****)	3 (5.3)
2016 Total	202	24	236	975	18	20	57
2016 Anemia	15 (7.4)	0	32 (13.6)	77 (7.9)	1 (****)	2 (****)	4 (7.0)
2015 Total	189	17	225	985	26	19	78
2015 Anemia	13 (6.9)	3 (****)	29 (12.9)	73 (7.4)	1 (****)	2 (****)	8 (10.3)
2014 Total	198	25	230	1,012	24	12	56
2014 Anemia	21 (10.6)	4 (****)	15 (6.5)	45 (4.4)	3 (****)	1 (****)	2 (3.6)
2013 Total	182	23	236	1,121	29	17	63
2013 Anemia	14 (7.7)	0	23 (9.7)	79 (7.0)	2 (****)	2 (****)	4 (6.3)
2012 Total	201	41	241	1,142	33	18	71
2012 Anemia	7 (3.5)	3 (7.3)	25 (10.4)	64 (5.6)	2 (6.1)	3 (****)	4 (5.6)
2011 Total	214	37	266	1,404	31	14	82
2011 Anemia	17 (7.9)	1 (2.7)	38 (14.3)	113 (8.0)	4 (12.9)	2 (****)	2 (2.4)

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

City ¹	Amer Indian AOIC NH	Asian AOIC NH ²	Black/ African- Amer AOIC NH ³	White AOIC NH	American Indian AOIC H	Other AOIC H ⁴	White AOIC H
CARLTON-COOK- LAKE-ST. LOUIS: HIBBING							
2019 Total	32	9	32	234	<5	<5	10
2019 Anemia	2 (6.2)	0	3 (9.4)	15 (6.4)	2 (****)	0	0
2018 Total	17	<5	30	264	<5	<5	10
2018 Anemia	0	0	3 (10.0)	15 (5.7)	2 (****)	0	0
2017 Total	25	12	25	275	<5	<5	14
2017 Anemia	0	0	1 (****)	4 (1.5)	0	0	0
2016 Total	14	<5	18	279	<5	<5	8
2016 Anemia	2 (****)	1 (****)	1 (****)	11 (3.9)	0	0	0
2015 Total	15	14	23	286	<5	<5	9
2015 Anemia	0	0	3 (****)	16 (5.6)	0	0	0
2014 Total	15	10	29	314	0	<5	14
2014 Anemia	0	0	4 (****)	12 (3.8)	0	0	0
2013 Total	17	15	27	317	0	<5	12
2013 Anemia	2 (****)	1 (****)	2 (****)	11 (3.5)	0	0	0
2012 Total	15	13	27	350	0	<5	10
2012 Anemia	0	4 (****)	1 (****)	17 (4.9)	0	0	0
2011 Total	19	10	28	340	<5	<5	5
2011 Anemia	1 (****)	1 (****)	3 (****)	17 (5.0)	0	0	0

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

City ¹	Amer Indian AOIC NH	Asian AOIC NH ²	Black/ African- Amer AOIC NH ³	White AOIC NH	American Indian AOIC H	Other AOIC H ⁴	White AOIC H
CARVER: CARVER/ CHANHASSEN/ CHASKA							
2019 Total	5	28	113	87	0	<5	92
2019 Anemia	0	4 (****)	16 (14.2)	10 (11.5)	0	0	7 (7.6)
2018 Total	8	27	142	104	<5	5	108
2018 Anemia	1 (****)	1 (****)	18 (12.7)	11 (10.6)	1 (****)	0	12 (11.1)
2017 Total	7	25	132	143	6	<5	125
2017 Anemia	0	2 (****)	15 (11.4)	11 (7.7)	1 (****)	0	14 (11.2)
2016 Total	10	26	123	140	6	5	114
2016 Anemia	1 (****)	4 (****)	17 (13.8)	14 (10.0)	0	1 (****)	9 (7.9)
2015 Total	6	24	123	140	10	7	122
2015 Anemia	0	3 (****)	13 (10.6)	10 (7.1)	1 (****)	1 (****)	12 (9.8)
2014 Total	<5	19	101	146	13	5	121
2014 Anemia	0	2 (****)	7 (6.9)	8 (5.5)	0	1 (****)	12 (9.9)
2013 Total	<5	23	94	144	30	6	115
2013 Anemia	0	2 (****)	9 (9.6)	13 (9.0)	0	0	4 (3.5)
2012 Total	<5	31	83	147	41	<5	108
2012 Anemia	0	3 (9.7)	5 (6.0)	4 (2.7)	4 (9.8)	0	9 (8.3)
2011 Total	<5	34	81	164	45	8	124
2011 Anemia	2 (****)	2 (5.9)	10 (12.3)	10 (6.1)	4 (8.9)	1 (****)	10 (8.1)

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

City ¹	Amer Indian AOIC NH	Asian AOIC NH ²	Black/ African- Amer AOIC NH ³	White AOIC NH	American Indian AOIC H	Other AOIC H ⁴	White AOIC H
CROW WING: BRAINERD							
2019 Total	49	7	32	470	5	6	29
2019 Anemia	5 (10.2)	0	1 (3.1)	42 (8.9)	2 (****)	0	5 (****)
2018 Total	49	7	43	467	<5	5	30
2018 Anemia	5 (10.2)	1 (****)	4 (9.3)	58 (12.4)	2 (****)	1 (****)	7 (23.3)
2017 Total	51	11	51	553	6	7	27
2017 Anemia	6 (11.8)	2 (****)	13 (25.5)	109 (19.7)	1 (****)	0	7 (****)
2016 Total	59	10	46	583	<5	7	28
2016 Anemia	10 (16.9)	2 (****)	16 (34.8)	105 (18.0)	0	3 (****)	4 (****)
2015 Total	54	11	45	634	<5	<5	25
2015 Anemia	3 (5.6)	0	5 (11.1)	47 (7.4)	1 (****)	1 (****)	2 (****)
2014 Total	43	6	43	652	<5	<5	23
2014 Anemia	3 (7.0)	1 (****)	5 (11.6)	43 (6.6)	1 (****)	0	1 (****)
2013 Total	53	7	33	688	6	5	20
2013 Anemia	2 (3.8)	0	4 (12.1)	33 (4.8)	0	0	1 (****)
2012 Total	46	7	37	714	5	6	24
2012 Anemia	1 (2.2)	0	5 (13.5)	29 (4.1)	0	0	0
2011 Total	34	6	34	793	<5	5	21
2011 Anemia	3 (8.8)	2 (****)	2 (5.9)	28 (3.5)	1 (****)	1 (****)	1 (****)

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

City ¹	Amer Indian AOIC NH	Asian AOIC NH ²	Black/ African- Amer AOIC NH ³	White AOIC NH	American Indian AOIC H	Other AOIC H ⁴	White AOIC H
DAKOTA: APPLE VALLEY							
2019 Total	10	32	239	202	17	16	144
2019 Anemia	0	0	25 (10.5)	14 (6.9)	1 (****)	1 (****)	10 (6.9)
2018 Total	12	41	250	217	16	15	128
2018 Anemia	1 (****)	6 (14.6)	21 (8.4)	17 (7.8)	2 (****)	2 (****)	9 (7.0)
2017 Total	13	37	284	223	13	16	122
2017 Anemia	1 (****)	0	34 (12.0)	18 (8.1)	0	1 (****)	12 (9.8)
2016 Total	10	36	262	205	17	16	140
2016 Anemia	2 (****)	1 (2.8)	32 (12.2)	19 (9.3)	2 (****)	1 (****)	16 (11.4)
2015 Total	11	45	225	223	44	12	126
2015 Anemia	0	6 (13.3)	24 (10.7)	14 (6.3)	2 (4.5)	1 (****)	8 (6.3)
2014 Total	10	46	237	250	59	9	124
2014 Anemia	2 (****)	3 (6.5)	12 (5.1)	12 (4.8)	7 (11.9)	1 (****)	11 (8.9)
2013 Total	11	42	247	273	86	10	126
2013 Anemia	1 (****)	1 (2.4)	38 (15.4)	20 (7.3)	4 (4.7)	2 (****)	10 (7.9)
2012 Total	14	41	240	281	94	11	101
2012 Anemia	3 (****)	0	26 (10.8)	33 (11.7)	8 (8.5)	1 (****)	8 (7.9)
2011 Total	10	42	236	307	114	10	112
2011 Anemia	1 (****)	6 (14.3)	24 (10.2)	26 (8.5)	7 (6.1)	2 (****)	11 (9.8)

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

City ¹	Amer Indian AOIC NH	Asian AOIC NH ²	Black/ African- Amer AOIC NH ³	White AOIC NH	American Indian AOIC H	Other AOIC H ⁴	White AOIC H
DAKOTA: BURNSVILLE							
2019 Total	20	69	593	195	29	24	219
2019 Anemia	4 (****)	3 (4.3)	58 (9.8)	13 (6.7)	4 (****)	2 (****)	15 (6.8)
2018 Total	16	85	654	220	43	31	267
2018 Anemia	2 (****)	6 (7.1)	63 (9.6)	19 (8.6)	6 (14.0)	6 (19.4)	33 (12.4)
2017 Total	13	76	681	242	37	25	245
2017 Anemia	1 (****)	6 (7.9)	66 (9.7)	22 (9.1)	0	1 (****)	17 (6.9)
2016 Total	14	90	660	273	70	28	255
2016 Anemia	0	6 (6.7)	56 (8.5)	22 (8.1)	5 (7.1)	1 (****)	25 (9.8)
2015 Total	20	90	652	295	85	27	228
2015 Anemia	1 (****)	10 (11.1)	65 (10.0)	18 (6.1)	3 (3.5)	3 (****)	14 (6.1)
2014 Total	23	69	620	323	122	27	235
2014 Anemia	23 (****)	67 (97.1)	576 (92.9)	305 (94.4)	112 (91.8)	22 (****)	214 (91.1)
2013 Total	19	72	609	319	176	27	243
2013 Anemia	2 (****)	3 (4.2)	42 (6.9)	25 (7.8)	15 (8.5)	4 (****)	19 (7.8)
2012 Total	18	75	606	371	206	23	209
2012 Anemia	0	5 (6.7)	61 (10.1)	27 (7.3)	19 (9.2)	3 (****)	18 (8.6)
2011 Total	27	75	590	390	251	33	207
2011 Anemia	4 (****)	4 (5.3)	54 (9.2)	31 (7.9)	19 (7.6)	3 (9.1)	17 (8.2)

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

City ¹	Amer Indian AOIC NH	Asian AOIC NH ²	Black/ African- Amer AOIC NH ³	White AOIC NH	American Indian AOIC H	Other AOIC H ⁴	White AOIC H
DAKOTA: EAGAN							
2019 Total	7	48	333	134	8	19	89
2019 Anemia	0	1 (2.1)	42 (12.6)	10 (7.5)	0	0	8 (9.0)
2018 Total	16	48	336	154	10	17	78
2018 Anemia	3 (****)	2 (4.2)	37 (11.0)	14 (9.1)	0	0	3 (3.8)
2017 Total	15	42	326	174	9	12	81
2017 Anemia	1 (****)	4 (9.5)	27 (8.3)	15 (8.6)	0	1 (****)	4 (4.9)
2016 Total	13	63	326	185	18	18	88
2016 Anemia	0	7 (11.1)	36 (11.0)	16 (8.6)	3 (****)	1 (****)	8 (9.1)
2015 Total	11	59	341	216	19	16	81
2015 Anemia	1 (****)	1 (1.7)	37 (10.9)	20 (9.3)	0	0	5 (6.2)
2014 Total	13	58	322	235	29	13	78
2014 Anemia	1 (****)	6 (10.3)	36 (11.2)	25 (10.6)	0	0	4 (5.1)
2013 Total	10	55	300	248	47	10	90
2013 Anemia	3 (****)	4 (7.3)	23 (7.7)	11 (4.4)	6 (12.8)	3 (****)	7 (7.8)
2012 Total	11	45	294	255	58	5	77
2012 Anemia	2 (****)	6 (13.3)	29 (9.9)	22 (8.6)	4 (6.9)	0	4 (5.2)
2011 Total	7	48	297	222	73	7	86
2011 Anemia	2 (****)	1 (2.1)	31 (10.4)	13 (5.9)	1 (1.4)	2 (****)	9 (10.5)

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

City ¹	Amer Indian AOIC NH	Asian AOIC NH ²	Black/ African- Amer AOIC NH ³	White AOIC NH	American Indian AOIC H	Other AOIC H ⁴	White AOIC H
DAKOTA: FARMINGTON							
2019 Total	<5	33	55	131	<5	<5	52
2019 Anemia	1 (****)	4 (12.1)	8 (14.5)	19 (14.5)	0	0	3 (5.8)
2018 Total	6	31	44	142	9	<5	66
2018 Anemia	3 (****)	3 (9.7)	3 (6.8)	12 (8.5)	0	0	5 (7.6)
2017 Total	<5	39	49	159	10	<5	64
2017 Anemia	0	2 (5.1)	6 (12.2)	10 (6.3)	0	0	5 (7.8)
2016 Total	<5	30	45	149	11	5	43
2016 Anemia	0	4 (13.3)	4 (8.9)	11 (7.4)	2 (****)	0	5 (11.6)
2015 Total	6	31	60	165	16	<5	50
2015 Anemia	0	2 (6.5)	10 (16.7)	12 (7.3)	0	1 (****)	3 (6.0)
2014 Total	10	27	55	180	14	5	34
2014 Anemia	0	4 (****)	4 (7.3)	8 (4.4)	0	0	1 (2.9)
2013 Total	7	30	44	182	15	<5	40
2013 Anemia	0	2 (6.7)	3 (6.8)	8 (4.4)	0	0	2 (5.0)
2012 Total	8	26	43	184	19	<5	34
2012 Anemia	1 (****)	5 (****)	5 (11.6)	11 (6.0)	0	0	4 (11.8)
2011 Total	5	30	35	202	20	<5	29
2011 Anemia	0	3 (10.0)	0	13 (6.4)	1 (****)	0	4 (****)

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

City ¹	Amer Indian AOIC NH	Asian AOIC NH ²	Black/ African- Amer AOIC NH ³	White AOIC NH	American Indian AOIC H	Other AOIC H ⁴	White AOIC H
DAKOTA: HASTINGS							
2019 Total	<5	7	36	161	<5	<5	33
2019 Anemia	1 (****)	2 (****)	8 (22.2)	16 (9.9)	0	0	0
2018 Total	5	5	30	170	<5	6	24
2018 Anemia	0	1 (****)	5 (16.7)	18 (10.6)	0	1 (****)	1 (****)
2017 Total	5	7	29	164	<5	<5	23
2017 Anemia	1 (****)	1 (****)	2 (****)	16 (9.8)	1 (****)	1 (****)	3 (****)
2016 Total	<5	8	25	171	<5	<5	18
2016 Anemia	0	1 (****)	4 (****)	14 (8.2)	3 (****)	0	2 (****)
2015 Total	<5	6	28	174	5	5	18
2015 Anemia	1 (****)	0	5 (****)	15 (8.6)	0	1 (****)	2 (****)
2014 Total	<5	12	28	201	<5	<5	19
2014 Anemia	0	0	3 (****)	10 (5.0)	0	0	1 (****)
2013 Total	<5	8	39	205	9	6	24
2013 Anemia	0	0	2 (5.1)	11 (5.4)	1 (****)	1 (****)	3 (****)
2012 Total	<5	7	52	260	9	<5	24
2012 Anemia	0	0	8 (15.4)	16 (6.2)	1 (****)	1 (****)	1 (****)
2011 Total	6	10	47	274	7	<5	22
2011 Anemia	0	1 (****)	5 (10.6)	18 (6.6)	0	0	3 (****)

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

City ¹	Amer Indian AOIC NH	Asian AOIC NH ²	Black/ African- Amer AOIC NH ³	White AOIC NH	American Indian AOIC H	Other AOIC H ⁴	White AOIC H
DAKOTA: INVER GROVE HTS/ ROSEMOUNT							
2019 Total	16	41	165	212	18	15	164
2019 Anemia	1 (****)	1 (2.4)	18 (10.9)	22 (10.4)	0	1 (****)	18 (11.0)
2018 Total	13	43	176	214	27	25	188
2018 Anemia	2 (****)	6 (14.0)	15 (8.5)	26 (12.1)	5 (****)	2 (****)	27 (14.4)
2017 Total	17	41	178	243	30	18	189
2017 Anemia	3 (****)	4 (9.8)	27 (15.2)	36 (14.8)	3 (10.0)	2 (****)	16 (8.5)
2016 Total	17	57	182	292	43	14	187
2016 Anemia	0	9 (15.8)	20 (11.0)	30 (10.3)	3 (7.0)	2 (****)	26 (13.9)
2015 Total	8	61	172	290	54	22	201
2015 Anemia	0	6 (9.8)	19 (11.0)	31 (10.7)	3 (5.6)	1 (****)	22 (10.9)
2014 Total	12	52	173	295	72	24	157
2014 Anemia	4 (****)	4 (7.7)	28 (16.2)	23 (7.8)	2 (2.8)	1 (****)	14 (8.9)
2013 Total	14	55	179	306	91	24	164
2013 Anemia	0	2 (3.6)	26 (14.5)	26 (8.5)	7 (7.7)	2 (****)	16 (9.8)
2012 Total	12	56	186	350	100	19	170
2012 Anemia	3 (****)	4 (7.1)	29 (15.6)	38 (10.9)	6 (6.0)	1 (****)	13 (7.6)
2011 Total	14	53	161	366	127	24	163
2011 Anemia	3 (****)	3 (5.7)	22 (13.7)	26 (7.1)	4 (3.1)	3 (****)	10 (6.1)

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

City ¹	Amer Indian AOIC NH	Asian AOIC NH ²	Black/ African- Amer AOIC NH ³	White AOIC NH	American Indian AOIC H	Other AOIC H ⁴	White AOIC H
DAKOTA: LAKEVILLE							
2019 Total	6	26	94	147	<5	5	66
2019 Anemia	0	4 (****)	11 (11.7)	7 (4.8)	0	1 (****)	6 (9.1)
2018 Total	5	28	100	153	<5	7	64
2018 Anemia	3 (****)	6 (****)	10 (10.0)	11 (7.2)	0	0	4 (6.2)
2017 Total	5	29	84	149	10	7	57
2017 Anemia	1 (****)	1 (****)	9 (10.7)	13 (8.7)	0	0	1 (1.8)
2016 Total	<5	24	56	169	15	11	47
2016 Anemia	1 (****)	5 (****)	9 (16.1)	15 (8.9)	0	0	1 (2.1)
2015 Total	<5	18	49	162	8	8	44
2015 Anemia	0	0	5 (10.2)	11 (6.8)	0	4 (****)	4 (9.1)
2014 Total	<5	22	67	193	13	6	43
2014 Anemia	1 (****)	3 (****)	8 (11.9)	9 (4.7)	1 (****)	1 (****)	2 (4.7)
2013 Total	5	17	70	201	15	7	48
2013 Anemia	1 (****)	2 (****)	7 (10.0)	15 (7.5)	1 (****)	0	4 (8.3)
2012 Total	5	18	65	188	20	10	39
2012 Anemia	1 (****)	2 (****)	8 (12.3)	11 (5.9)	0	0	1 (2.6)
2011 Total	10	22	72	211	36	<5	31
2011 Anemia	2 (****)	1 (****)	11 (15.3)	20 (9.5)	0	0	4 (12.9)

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

City ¹	Amer Indian AOIC NH	Asian AOIC NH ²	Black/ African- Amer AOIC NH ³	White AOIC NH	American Indian AOIC H	Other AOIC H ⁴	White AOIC H
DAKOTA: SOUTH SAINT PAUL							
2019 Total	<5	20	71	130	12	16	117
2019 Anemia	1 (****)	0	11 (15.5)	12 (9.2)	3 (****)	1 (****)	13 (11.1)
2018 Total	6	22	83	142	22	15	125
2018 Anemia	3 (****)	2 (****)	11 (13.3)	13 (9.2)	5 (****)	1 (****)	11 (8.8)
2017 Total	10	18	76	152	15	27	116
2017 Anemia	1 (****)	0	7 (9.2)	15 (9.9)	2 (****)	5 (****)	18 (15.5)
2016 Total	12	10	78	145	20	24	135
2016 Anemia	3 (****)	1 (****)	11 (14.1)	10 (6.9)	4 (****)	5 (****)	11 (8.1)
2015 Total	11	16	79	146	26	25	158
2015 Anemia	0	2 (****)	5 (6.3)	9 (6.2)	1 (****)	2 (****)	10 (6.3)
2014 Total	16	12	77	188	38	19	138
2014 Anemia	1 (****)	0	9 (11.7)	18 (9.6)	3 (7.9)	0	12 (8.7)
2013 Total	9	12	68	167	54	21	146
2013 Anemia	1 (****)	0	5 (7.4)	18 (10.8)	4 (7.4)	1 (****)	8 (5.5)
2012 Total	9	15	78	177	74	18	113
2012 Anemia	0	0	9 (11.5)	12 (6.8)	3 (4.1)	3 (****)	7 (6.2)
2011 Total	16	16	82	211	98	25	120
2011 Anemia	2 (****)	2 (****)	13 (15.9)	19 (9.0)	6 (6.1)	2 (****)	10 (8.3)

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

City ¹	Amer Indian AOIC NH	Asian AOIC NH ²	Black/ African- Amer AOIC NH ³	White AOIC NH	American Indian AOIC H	Other AOIC H ⁴	White AOIC H
DAKOTA: WEST SAINT PAUL							
2019 Total	6	18	91	67	23	24	134
2019 Anemia	1 (****)	3 (****)	11 (12.1)	8 (11.9)	4 (****)	3 (****)	13 (9.7)
2018 Total	11	12	103	88	30	21	140
2018 Anemia	4 (****)	5 (****)	14 (13.6)	13 (14.8)	4 (13.3)	3 (****)	16 (11.4)
2017 Total	9	12	107	87	30	15	154
2017 Anemia	1 (****)	2 (****)	14 (13.1)	6 (6.9)	3 (10.0)	5 (****)	17 (11.0)
2016 Total	7	17	100	111	36	18	162
2016 Anemia	0	3 (****)	17 (17.0)	7 (6.3)	6 (16.7)	4 (****)	15 (9.3)
2015 Total	8	18	86	115	50	21	186
2015 Anemia	0	1 (****)	21 (24.4)	13 (11.3)	5 (10.0)	4 (****)	17 (9.1)
2014 Total	11	19	99	133	64	17	203
2014 Anemia	1 (****)	2 (****)	14 (14.1)	7 (5.3)	6 (9.4)	2 (****)	17 (8.4)
2013 Total	10	25	94	127	87	24	200
2013 Anemia	4 (****)	3 (****)	23 (24.5)	10 (7.9)	9 (10.3)	4 (****)	21 (10.5)
2012 Total	9	16	79	139	118	17	196
2012 Anemia	2 (****)	0	10 (12.7)	10 (7.2)	10 (8.5)	0	22 (11.2)
2011 Total	15	19	91	134	155	15	170
2011 Anemia	1 (****)	2 (****)	17 (18.7)	5 (3.7)	17 (11.0)	1 (****)	15 (8.8)

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

City ¹	Amer Indian AOIC NH	Asian AOIC NH ²	Black/ African- Amer AOIC NH ³	White AOIC NH	American Indian AOIC H	Other AOIC H ⁴	White AOIC H
EDINA: EDINA							
2019 Total	<5	11	67	38	<5	<5	22
2019 Anemia	0	1 (****)	10 (14.9)	6 (15.8)	0	1 (****)	0
2018 Total	<5	11	71	34	5	<5	22
2018 Anemia	0	1 (****)	5 (7.0)	3 (8.8)	0	0	1 (****)
2017 Total	<5	12	74	44	9	<5	18
2017 Anemia	0	1 (****)	7 (9.5)	3 (6.8)	1 (****)	0	2 (****)
2016 Total	<5	12	76	47	11	<5	18
2016 Anemia	0	2 (****)	9 (11.8)	5 (10.6)	0	0	2 (****)
2015 Total	<5	11	84	49	8	<5	24
2015 Anemia	1 (****)	0	10 (11.9)	3 (6.1)	0	0	1 (****)
2014 Total	<5	14	90	47	9	<5	25
2014 Anemia	0	2 (****)	8 (8.9)	3 (6.4)	1 (****)	0	3 (****)
2013 Total	<5	9	92	54	9	<5	26
2013 Anemia	0	1 (****)	12 (13.0)	4 (7.4)	1 (****)	0	4 (****)
2012 Total	<5	10	85	52	7	6	23
2012 Anemia	1 (****)	2 (****)	11 (12.9)	3 (5.8)	1 (****)	0	2 (****)
2011 Total	<5	12	96	47	7	<5	25
2011 Anemia	0	2 (****)	3 (3.1)	4 (8.5)	0	0	3 (****)

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

City ¹	Amer Indian AOIC NH	Asian AOIC NH ²	Black/ African- Amer AOIC NH ³	White AOIC NH	American Indian AOIC H	Other AOIC H ⁴	White AOIC H
FREEBORN: ALBERT LEA							
2019 Total	<5	75	46	229	6	8	143
2019 Anemia	0	9 (12.0)	0	6 (2.6)	0	0	8 (5.6)
2018 Total	<5	146	155	242	9	19	278
2018 Anemia	0	32 (21.9)	22 (14.2)	9 (3.7)	0	2 (****)	24 (8.6)
2017 Total	0	64	37	253	<5	9	178
2017 Anemia	0	14 (21.9)	6 (16.2)	16 (6.3)	0	4 (****)	17 (9.6)
2016 Total	<5	62	48	293	<5	5	146
2016 Anemia	0	14 (22.6)	9 (18.8)	19 (6.5)	1 (****)	0	15 (10.3)
2015 Total	<5	50	66	334	<5	10	183
2015 Anemia	0	8 (16.0)	18 (27.3)	23 (6.9)	0	2 (****)	14 (7.7)
2014 Total	<5	29	58	323	<5	8	220
2014 Anemia	0	6 (****)	11 (19.0)	15 (4.6)	0	1 (****)	16 (7.3)
2013 Total	<5	24	51	305	<5	13	214
2013 Anemia	0	5 (****)	11 (21.6)	11 (3.6)	0	2 (****)	9 (4.2)
2012 Total	<5	23	47	317	8	12	248
2012 Anemia	0	2 (****)	2 (4.3)	6 (1.9)	0	0	9 (3.6)
2011 Total	10	27	41	334	10	8	252
2011 Anemia	0	5 (****)	3 (7.3)	13 (3.9)	2 (****)	1 (****)	16 (6.3)

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

City ¹	Amer Indian AOIC NH	Asian AOIC NH ²	Black/ African- Amer AOIC NH ³	White AOIC NH	American Indian AOIC H	Other AOIC H ⁴	White AOIC H
GOODHUE: RED WING							
2019 Total	17	<5	60	180	23	5	15
2019 Anemia	2 (****)	2 (****)	9 (15.0)	11 (6.1)	1 (****)	0	1 (****)
2018 Total	15	7	62	191	29	<5	19
2018 Anemia	2 (****)	1 (****)	17 (27.4)	16 (8.4)	2 (****)	1 (****)	4 (****)
2017 Total	23	7	54	229	28	<5	15
2017 Anemia	1 (****)	1 (****)	10 (18.5)	19 (8.3)	2 (****)	1 (****)	3 (****)
2016 Total	19	5	45	206	34	7	25
2016 Anemia	1 (****)	1 (****)	6 (13.3)	15 (7.3)	6 (17.6)	1 (****)	2 (****)
2015 Total	13	6	34	215	35	6	27
2015 Anemia	2 (****)	1 (****)	5 (14.7)	17 (7.9)	4 (11.4)	0	2 (****)
2014 Total	20	9	45	215	37	10	26
2014 Anemia	2 (****)	1 (****)	9 (20.0)	23 (10.7)	4 (10.8)	1 (****)	3 (****)
2013 Total	17	5	44	235	42	5	26
2013 Anemia	1 (****)	0	4 (9.1)	10 (4.3)	2 (4.8)	2 (****)	2 (****)
2012 Total	20	<5	53	239	42	5	22
2012 Anemia	1 (****)	1 (****)	4 (7.5)	12 (5.0)	3 (7.1)	0	0
2011 Total	16	<5	42	228	51	<5	30
2011 Anemia	1 (****)	0	6 (14.3)	23 (10.1)	2 (3.9)	0	2 (6.7)

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

City ¹	Amer Indian AOIC NH	Asian AOIC NH ²	Black/ African- Amer AOIC NH ³	White AOIC NH	American Indian AOIC H	Other AOIC H ⁴	White AOIC H
HENNEPIN: BROOKLYN CENTER							
2019 Total	15	337	502	128	28	26	166
2019 Anemia	3 (****)	51 (15.1)	132 (26.3)	22 (17.2)	4 (****)	7 (****)	23 (13.9)
2018 Total	29	407	533	141	35	29	175
2018 Anemia	6 (****)	78 (19.2)	135 (25.3)	18 (12.8)	5 (14.3)	5 (****)	31 (17.7)
2017 Total	25	453	579	188	37	18	215
2017 Anemia	3 (****)	70 (15.5)	133 (23.0)	29 (15.4)	5 (13.5)	1 (****)	31 (14.4)
2016 Total	43	420	590	180	40	23	196
2016 Anemia	13 (30.2)	64 (15.2)	149 (25.3)	29 (16.1)	12 (30.0)	7 (****)	41 (20.9)
2015 Total	28	425	644	199	61	31	209
2015 Anemia	4 (****)	68 (16.0)	178 (27.6)	24 (12.1)	15 (24.6)	7 (22.6)	40 (19.1)
2014 Total	43	417	623	213	63	34	206
2014 Anemia	10 (23.3)	70 (16.8)	161 (25.8)	35 (16.4)	12 (19.0)	5 (14.7)	32 (15.5)
2013 Total	43	401	642	212	85	32	205
2013 Anemia	7 (16.3)	55 (13.7)	148 (23.1)	29 (13.7)	15 (17.6)	7 (21.9)	36 (17.6)
2012 Total	37	371	638	200	103	36	222
2012 Anemia	5 (13.5)	47 (12.7)	146 (22.9)	25 (12.5)	12 (11.7)	8 (22.2)	29 (13.1)
2011 Total	27	406	716	229	112	43	266
2011 Anemia	5 (****)	60 (14.8)	178 (24.9)	26 (11.4)	17 (15.2)	12 (27.9)	29 (10.9)

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

City ¹	Amer Indian AOIC NH	Asian AOIC NH ²	Black/ African- Amer AOIC NH ³	White AOIC NH	American Indian AOIC H	Other AOIC H ⁴	White AOIC H
HENNEPIN: BROOKLYN PARK							
2019 Total	28	489	1,044	210	26	35	157
2019 Anemia	6 (****)	79 (16.2)	257 (24.6)	30 (14.3)	2 (****)	4 (11.4)	20 (12.7)
2018 Total	36	548	1,195	231	36	41	197
2018 Anemia	11 (30.6)	98 (17.9)	294 (24.6)	50 (21.6)	5 (13.9)	6 (14.6)	31 (15.7)
2017 Total	32	666	1,324	246	50	61	254
2017 Anemia	12 (37.5)	94 (14.1)	339 (25.6)	46 (18.7)	12 (24.0)	19 (31.1)	36 (14.2)
2016 Total	38	674	1,317	284	41	46	242
2016 Anemia	10 (26.3)	103 (15.3)	328 (24.9)	56 (19.7)	5 (12.2)	9 (19.6)	30 (12.4)
2015 Total	48	676	1,358	328	59	43	263
2015 Anemia	8 (16.7)	92 (13.6)	350 (25.8)	57 (17.4)	8 (13.6)	5 (11.6)	37 (14.1)
2014 Total	41	653	1,367	327	90	53	295
2014 Anemia	5 (12.2)	103 (15.8)	366 (26.8)	48 (14.7)	20 (22.2)	14 (26.4)	56 (19.0)
2013 Total	48	612	1,334	361	108	40	303
2013 Anemia	7 (14.6)	85 (13.9)	351 (26.3)	62 (17.2)	21 (19.4)	10 (25.0)	54 (17.8)
2012 Total	44	550	1,302	334	134	42	317
2012 Anemia	3 (6.8)	70 (12.7)	314 (24.1)	52 (15.6)	17 (12.7)	8 (19.0)	41 (12.9)
2011 Total	45	618	1,328	356	158	46	363
2011 Anemia	14 (31.1)	106 (17.2)	351 (26.4)	51 (14.3)	21 (13.3)	8 (17.4)	48 (13.2)

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

City ¹	Amer Indian AOIC NH	Asian AOIC NH ²	Black/ African- Amer AOIC NH ³	White AOIC NH	American Indian AOIC H	Other AOIC H ⁴	White AOIC H
HENNEPIN: CHAMPLIN/ MAPLE GROVE/ OSSEO							
2019 Total	13	58	262	204	6	10	46
2019 Anemia	3 (****)	5 (8.6)	54 (20.6)	20 (9.8)	2 (****)	4 (****)	8 (17.4)
2018 Total	23	57	263	222	5	7	45
2018 Anemia	5 (****)	9 (15.8)	57 (21.7)	30 (13.5)	1 (****)	0	6 (13.3)
2017 Total	24	49	273	256	6	13	48
2017 Anemia	5 (****)	9 (18.4)	50 (18.3)	27 (10.5)	0	1 (****)	5 (10.4)
2016 Total	18	54	235	274	6	9	51
2016 Anemia	2 (****)	8 (14.8)	39 (16.6)	29 (10.6)	0	1 (****)	4 (7.8)
2015 Total	13	57	228	280	13	15	63
2015 Anemia	1 (****)	9 (15.8)	41 (18.0)	33 (11.8)	2 (****)	2 (****)	9 (14.3)
2014 Total	17	59	213	315	8	10	59
2014 Anemia	4 (****)	13 (22.0)	54 (25.4)	52 (16.5)	3 (****)	1 (****)	7 (11.9)
2013 Total	14	60	197	328	10	7	65
2013 Anemia	2 (****)	8 (13.3)	31 (15.7)	30 (9.1)	1 (****)	0	16 (24.6)
2012 Total	12	57	212	328	17	<5	68
2012 Anemia	0	5 (8.8)	44 (20.8)	28 (8.5)	2 (****)	1 (****)	8 (11.8)
2011 Total	16	60	229	365	24	<5	73
2011 Anemia	0	6 (10.0)	41 (17.9)	43 (11.8)	1 (****)	0	5 (6.8)

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

City ¹	Amer Indian AOIC NH	Asian AOIC NH ²	Black/ African- Amer AOIC NH ³	White AOIC NH	American Indian AOIC H	Other AOIC H ⁴	White AOIC H
HENNEPIN: CRYSTAL							
2019 Total	10	29	141	82	10	<5	48
2019 Anemia	3 (****)	6 (****)	38 (27.0)	17 (20.7)	1 (****)	1 (****)	6 (12.5)
2018 Total	6	33	175	100	16	10	63
2018 Anemia	0	6 (18.2)	37 (21.1)	14 (14.0)	4 (****)	2 (****)	12 (19.0)
2017 Total	11	22	193	126	13	6	65
2017 Anemia	1 (****)	5 (****)	43 (22.3)	21 (16.7)	2 (****)	0	10 (15.4)
2016 Total	9	30	173	129	9	10	51
2016 Anemia	1 (****)	4 (13.3)	38 (22.0)	10 (7.8)	1 (****)	2 (****)	6 (11.8)
2015 Total	12	22	170	135	14	10	61
2015 Anemia	2 (****)	2 (****)	38 (22.4)	17 (12.6)	2 (****)	1 (****)	8 (13.1)
2014 Total	7	28	171	115	21	9	74
2014 Anemia	2 (****)	7 (****)	37 (21.6)	15 (13.0)	2 (****)	2 (****)	10 (13.5)
2013 Total	9	33	196	126	26	14	83
2013 Anemia	1 (****)	4 (12.1)	38 (19.4)	7 (5.6)	4 (****)	3 (****)	11 (13.3)
2012 Total	10	32	153	119	30	8	65
2012 Anemia	1 (****)	7 (21.9)	38 (24.8)	18 (15.1)	4 (13.3)	2 (****)	7 (10.8)
2011 Total	18	33	183	144	28	9	77
2011 Anemia	2 (****)	7 (21.2)	45 (24.6)	14 (9.7)	3 (****)	4 (****)	10 (13.0)

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

City ¹	Amer Indian AOIC NH	Asian AOIC NH ²	Black/ African- Amer AOIC NH ³	White AOIC NH	American Indian AOIC H	Other AOIC H ⁴	White AOIC H
HENNEPIN: EDEN PRAIRIE							
2019 Total	5	22	213	56	6	<5	29
2019 Anemia	1 (****)	0	43 (20.2)	8 (14.3)	0	1 (****)	4 (****)
2018 Total	5	27	216	81	5	<5	32
2018 Anemia	1 (****)	4 (****)	42 (19.4)	12 (14.8)	0	0	4 (12.5)
2017 Total	<5	28	247	72	6	<5	31
2017 Anemia	0	3 (****)	35 (14.2)	4 (5.6)	1 (****)	0	5 (16.1)
2016 Total	<5	24	264	66	8	8	40
2016 Anemia	1 (****)	5 (****)	45 (17.0)	12 (18.2)	2 (****)	4 (****)	5 (12.5)
2015 Total	<5	25	276	65	18	12	61
2015 Anemia	1 (****)	6 (****)	32 (11.6)	14 (21.5)	2 (****)	2 (****)	6 (9.8)
2014 Total	<5	20	286	85	23	14	50
2014 Anemia	1 (****)	3 (****)	34 (11.9)	6 (7.1)	0	1 (****)	4 (8.0)
2013 Total	0	19	299	87	18	6	42
2013 Anemia	0	4 (****)	29 (9.7)	9 (10.3)	1 (****)	1 (****)	2 (4.8)
2012 Total	<5	25	303	64	17	7	48
2012 Anemia	0	2 (****)	48 (15.8)	4 (6.2)	0	0	8 (16.7)
2011 Total	<5	22	307	87	14	7	51
2011 Anemia	0	2 (****)	38 (12.4)	10 (11.5)	0	1 (****)	6 (11.8)

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

City ¹	Amer Indian AOIC NH	Asian AOIC NH ²	Black/ African- Amer AOIC NH ³	White AOIC NH	American Indian AOIC H	Other AOIC H ⁴	White AOIC H
HENNEPIN: EXCELSIOR/ MAPLE PLAIN /MINNE-TONKA/ MOUND							
2019 Total	<5	11	65	72	<5	<5	20
2019 Anemia	0	2 (****)	10 (15.4)	11 (15.3)	0	1 (****)	2 (****)
2018 Total	5	18	108	97	<5	<5	30
2018 Anemia	1 (****)	1 (****)	18 (16.7)	8 (8.2)	0	0	4 (13.3)
2017 Total	11	13	106	121	<5	<5	32
2017 Anemia	1 (****)	4 (****)	14 (13.2)	14 (11.6)	0	1 (****)	2 (6.2)
2016 Total	5	14	95	120	10	<5	44
2016 Anemia	1 (****)	1 (****)	13 (13.7)	12 (10.0)	3 (****)	0	7 (15.9)
2015 Total	<5	12	102	128	6	<5	37
2015 Anemia	0	0	16 (15.7)	6 (4.7)	1 (****)	1 (****)	1 (2.7)
2014 Total	6	5	127	123	6	<5	33
2014 Anemia	0	1 (****)	20 (15.7)	16 (13.0)	0	0	5 (15.2)
2013 Total	5	6	133	153	7	8	30
2013 Anemia	2 (****)	3 (****)	12 (9.0)	20 (13.1)	1 (****)	2 (****)	3 (10.0)
2012 Total	6	<5	123	141	6	<5	37
2012 Anemia	1 (****)	1 (****)	20 (16.3)	15 (10.6)	0	1 (****)	4 (10.8)
2011 Total	5	8	125	160	11	<5	42
2011 Anemia	1 (****)	0	18 (14.4)	13 (8.1)	2 (****)	1 (****)	6 (14.3)

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

City ¹	Amer Indian AOIC NH	Asian AOIC NH ²	Black/ African- Amer AOIC NH ³	White AOIC NH	American Indian AOIC H	Other AOIC H ⁴	White AOIC H
HENNEPIN: GOLDEN VALLEY/ ROBBINSDALE							
2019 Total	15	12	137	97	6	9	31
2019 Anemia	3 (****)	1 (****)	25 (18.2)	14 (14.4)	0	2 (****)	4 (12.9)
2018 Total	12	27	162	88	7	7	31
2018 Anemia	1 (****)	4 (****)	41 (25.3)	14 (15.9)	1 (****)	0	3 (9.7)
2017 Total	10	21	161	97	7	7	37
2017 Anemia	1 (****)	1 (****)	40 (24.8)	12 (12.4)	1 (****)	1 (****)	3 (8.1)
2016 Total	<5	21	181	111	6	9	36
2016 Anemia	0	2 (****)	29 (16.0)	12 (10.8)	2 (****)	1 (****)	4 (11.1)
2015 Total	8	28	178	124	9	14	42
2015 Anemia	0	2 (****)	38 (21.3)	16 (12.9)	1 (****)	2 (****)	5 (11.9)
2014 Total	16	19	189	120	9	12	35
2014 Anemia	5 (****)	2 (****)	39 (20.6)	20 (16.7)	1 (****)	2 (****)	6 (17.1)
2013 Total	11	17	172	117	9	7	37
2013 Anemia	2 (****)	1 (****)	36 (20.9)	18 (15.4)	2 (****)	0	6 (16.2)
2012 Total	19	16	197	127	9	9	44
2012 Anemia	3 (****)	0	45 (22.8)	11 (8.7)	3 (****)	0	4 (9.1)
2011 Total	23	14	209	129	15	14	46
2011 Anemia	2 (****)	3 (****)	43 (20.6)	12 (9.3)	3 (****)	2 (****)	6 (13.0)

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

City ¹	Amer Indian AOIC NH	Asian AOIC NH ²	Black/ African- Amer AOIC NH ³	White AOIC NH	American Indian AOIC H	Other AOIC H ⁴	White AOIC H
HENNEPIN: HOPKINS							
2019 Total	<5	13	291	60	5	13	44
2019 Anemia	0	2 (****)	52 (17.9)	6 (10.0)	2 (****)	1 (****)	5 (11.4)
2018 Total	6	8	337	73	6	10	50
2018 Anemia	0	1 (****)	68 (20.2)	10 (13.7)	0	1 (****)	6 (12.0)
2017 Total	7	16	340	82	13	12	59
2017 Anemia	0	2 (****)	60 (17.6)	9 (11.0)	1 (****)	3 (****)	7 (11.9)
2016 Total	5	11	337	87	11	10	60
2016 Anemia	2 (****)	2 (****)	67 (19.9)	13 (14.9)	0	1 (****)	8 (13.3)
2015 Total	15	16	316	94	22	15	78
2015 Anemia	2 (****)	4 (****)	41 (13.0)	10 (10.6)	0	0	7 (9.0)
2014 Total	9	20	274	98	35	14	68
2014 Anemia	2 (****)	0	35 (12.8)	10 (10.2)	4 (11.4)	0	6 (8.8)
2013 Total	5	23	261	102	40	14	75
2013 Anemia	1 (****)	0	39 (14.9)	9 (8.8)	5 (12.5)	2 (****)	12 (16.0)
2012 Total	5	20	270	113	38	15	86
2012 Anemia	0	3 (****)	40 (14.8)	11 (9.7)	3 (7.9)	1 (****)	6 (7.0)
2011 Total	5	22	269	117	46	13	110
2011 Anemia	1 (****)	5 (****)	30 (11.2)	14 (12.0)	4 (8.7)	0	9 (8.2)

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

City ¹	Amer Indian AOIC NH	Asian AOIC NH ²	Black/ African- Amer AOIC NH ³	White AOIC NH	American Indian AOIC H	Other AOIC H ⁴	White AOIC H
HENNEPIN: MINNEAPOLIS							
2019 Total	258	620	4,203	723	322	159	1,316
2019 Anemia	40 (15.5)	108 (17.4)	964 (22.9)	119 (16.5)	57 (17.7)	24 (15.1)	220 (16.7)
2018 Total	326	722	4,997	884	435	194	1,570
2018 Anemia	71 (21.8)	122 (16.9)	1,179 (23.6)	164 (18.6)	79 (18.2)	28 (14.4)	271 (17.3)
2017 Total	359	810	5,338	1,033	626	223	1,772
2017 Anemia	83 (23.1)	135 (16.7)	1,184 (22.2)	178 (17.2)	114 (18.2)	45 (20.2)	338 (19.1)
2016 Total	454	898	5,758	1,157	768	258	1,945
2016 Anemia	105 (23.1)	119 (13.3)	1,211 (21.0)	178 (15.4)	123 (16.0)	51 (19.8)	341 (17.5)
2015 Total	487	991	5,738	1,179	915	243	2,104
2015 Anemia	112 (23.0)	152 (15.3)	1,248 (21.7)	187 (15.9)	173 (18.9)	50 (20.6)	369 (17.5)
2014 Total	539	988	5,783	1,341	1,132	266	2,305
2014 Anemia	115 (21.3)	152 (15.4)	1,109 (19.2)	224 (16.7)	187 (16.5)	57 (21.4)	369 (16.0)
2013 Total	525	995	5,469	1,341	1,271	246	2,462
2013 Anemia	106 (20.2)	148 (14.9)	1,019 (18.6)	207 (15.4)	210 (16.5)	52 (21.1)	376 (15.3)
2012 Total	536	913	5,150	1,378	1,378	241	2,620
2012 Anemia	87 (16.2)	157 (17.2)	961 (18.7)	180 (13.1)	190 (13.8)	36 (14.9)	383 (14.6)
2011 Total	549	947	5,380	1,517	1,607	251	2,964
2011 Anemia	109 (19.9)	129 (13.6)	940 (17.5)	207 (13.6)	246 (15.3)	36 (14.3)	399 (13.5)

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

City ¹	Amer Indian AOIC NH	Asian AOIC NH ²	Black/ African- Amer AOIC NH ³	White AOIC NH	American Indian AOIC H	Other AOIC H ⁴	White AOIC H
HENNEPIN: NEW HOPE							
2019 Total	9	12	208	64	8	12	34
2019 Anemia	2 (****)	1 (****)	51 (24.5)	10 (15.6)	0	1 (****)	3 (8.8)
2018 Total	10	14	229	73	12	12	38
2018 Anemia	0	5 (****)	46 (20.1)	6 (8.2)	0	1 (****)	4 (10.5)
2017 Total	8	18	269	86	15	12	63
2017 Anemia	2 (****)	6 (****)	56 (20.8)	14 (16.3)	4 (****)	0	10 (15.9)
2016 Total	11	22	281	79	9	19	62
2016 Anemia	2 (****)	5 (****)	55 (19.6)	10 (12.7)	0	4 (****)	8 (12.9)
2015 Total	14	25	281	82	16	16	77
2015 Anemia	7 (****)	3 (****)	74 (26.3)	16 (19.5)	4 (****)	2 (****)	22 (28.6)
2014 Total	9	34	232	78	28	12	80
2014 Anemia	0	9 (26.5)	57 (24.6)	13 (16.7)	5 (****)	3 (****)	18 (22.5)
2013 Total	7	40	225	84	36	18	83
2013 Anemia	0	6 (15.0)	54 (24.0)	12 (14.3)	8 (22.2)	4 (****)	11 (13.3)
2012 Total	6	27	219	88	44	10	90
2012 Anemia	0	1 (****)	53 (24.2)	9 (10.2)	0	2 (****)	3 (3.3)
2011 Total	5	24	242	103	48	10	115
2011 Anemia	1 (****)	4 (****)	65 (26.9)	14 (13.6)	4 (8.3)	4 (****)	9 (7.8)

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

City ¹	Amer Indian AOIC NH	Asian AOIC NH ²	Black/ African- Amer AOIC NH ³	White AOIC NH	American Indian AOIC H	Other AOIC H ⁴	White AOIC H
HENNEPIN: PLYMOUTH							
2019 Total	6	22	198	109	<5	6	33
2019 Anemia	0	4 (****)	26 (13.1)	12 (11.0)	1 (****)	2 (****)	5 (15.2)
2018 Total	9	20	224	117	<5	7	32
2018 Anemia	1 (****)	3 (****)	42 (18.8)	13 (11.1)	1 (****)	1 (****)	5 (15.6)
2017 Total	11	27	206	124	<5	9	32
2017 Anemia	2 (****)	3 (****)	37 (18.0)	22 (17.7)	1 (****)	1 (****)	4 (12.5)
2016 Total	9	26	226	128	5	6	46
2016 Anemia	0	2 (****)	41 (18.1)	14 (10.9)	1 (****)	0	8 (17.4)
2015 Total	13	28	247	133	13	9	53
2015 Anemia	1 (****)	6 (****)	58 (23.5)	22 (16.5)	1 (****)	1 (****)	7 (13.2)
2014 Total	21	29	246	171	16	13	60
2014 Anemia	0	8 (****)	38 (15.4)	15 (8.8)	2 (****)	2 (****)	9 (15.0)
2013 Total	10	31	212	154	19	14	60
2013 Anemia	3 (****)	7 (22.6)	51 (24.1)	17 (11.0)	0	1 (****)	8 (13.3)
2012 Total	15	26	220	171	24	5	61
2012 Anemia	1 (****)	1 (****)	40 (18.2)	20 (11.7)	3 (****)	1 (****)	5 (8.2)
2011 Total	8	36	224	176	19	10	72
2011 Anemia	0	6 (16.7)	46 (20.5)	22 (12.5)	2 (****)	2 (****)	11 (15.3)

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

City ¹	Amer Indian AOIC NH	Asian AOIC NH ²	Black/ African- Amer AOIC NH ³	White AOIC NH	American Indian AOIC H	Other AOIC H ⁴	White AOIC H
HENNEPIN: ST LOUIS PARK							
2019 Total	8	17	184	131	7	9	44
2019 Anemia	0	2 (****)	37 (20.1)	21 (16.0)	1 (****)	1 (****)	9 (20.5)
2018 Total	15	17	197	137	10	14	50
2018 Anemia	0	5 (****)	35 (17.8)	22 (16.1)	0	1 (****)	8 (16.0)
2017 Total	15	15	234	154	11	14	63
2017 Anemia	3 (****)	4 (****)	36 (15.4)	15 (9.7)	1 (****)	2 (****)	9 (14.3)
2016 Total	9	16	252	146	12	11	66
2016 Anemia	0	3 (****)	46 (18.3)	15 (10.3)	4 (****)	1 (****)	10 (15.2)
2015 Total	12	19	217	158	25	16	75
2015 Anemia	2 (****)	2 (****)	30 (13.8)	10 (6.3)	3 (****)	1 (****)	13 (17.3)
2014 Total	18	13	251	160	33	15	71
2014 Anemia	3 (****)	2 (****)	40 (15.9)	26 (16.2)	6 (18.2)	4 (****)	19 (26.8)
2013 Total	15	17	235	151	34	12	74
2013 Anemia	2 (****)	1 (****)	35 (14.9)	15 (9.9)	7 (20.6)	1 (****)	9 (12.2)
2012 Total	18	19	221	134	34	13	73
2012 Anemia	3 (****)	1 (****)	29 (13.1)	13 (9.7)	7 (20.6)	2 (****)	9 (12.3)
2011 Total	14	12	227	146	23	12	63
2011 Anemia	1 (****)	2 (****)	36 (15.9)	15 (10.3)	6 (****)	2 (****)	8 (12.7)

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

City ¹	Amer Indian AOIC NH	Asian AOIC NH ²	Black/ African- Amer AOIC NH ³	White AOIC NH	American Indian AOIC H	Other AOIC H ⁴	White AOIC H
HORIZON: ALEXANDRIA							
2019 Total	<5	8	19	282	<5	6	16
2019 Anemia	0	2 (****)	6 (****)	50 (17.7)	0	1 (****)	2 (****)
2018 Total	<5	6	18	321	<5	9	18
2018 Anemia	0	2 (****)	3 (****)	52 (16.2)	0	2 (****)	4 (****)
2017 Total	<5	<5	25	353	5	10	26
2017 Anemia	0	0	5 (****)	42 (11.9)	1 (****)	1 (****)	4 (****)
2016 Total	<5	5	18	342	<5	<5	21
2016 Anemia	0	2 (****)	4 (****)	52 (15.2)	0	0	2 (****)
2015 Total	<5	6	25	348	7	5	35
2015 Anemia	0	0	3 (****)	36 (10.3)	2 (****)	1 (****)	5 (14.3)
2014 Total	7	6	34	396	13	6	38
2014 Anemia	0	0	5 (14.7)	55 (13.9)	3 (****)	1 (****)	8 (21.1)
2013 Total	7	8	26	382	7	7	34
2013 Anemia	2 (****)	1 (****)	5 (****)	39 (10.2)	0	0	3 (8.8)
2012 Total	5	8	26	394	5	<5	36
2012 Anemia	0	0	3 (****)	42 (10.7)	0	0	1 (2.8)
2011 Total	<5	7	15	427	6	0	32
2011 Anemia	0	0	4 (****)	20 (4.7)	0	0	1 (3.1)

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

City ¹	Amer Indian AOIC NH	Asian AOIC NH ²	Black/ African- Amer AOIC NH ³	White AOIC NH	American Indian AOIC H	Other AOIC H ⁴	White AOIC H
ISANTI: CAMBRIDGE							
2019 Total	5	9	19	231	5	<5	16
2019 Anemia	0	1 (****)	1 (****)	11 (4.8)	1 (****)	0	1 (****)
2018 Total	15	7	17	215	6	<5	21
2018 Anemia	0	0	1 (****)	10 (4.7)	0	0	1 (****)
2017 Total	17	8	23	241	<5	0	20
2017 Anemia	1 (****)	1 (****)	1 (****)	12 (5.0)	1 (****)	0	2 (****)
2016 Total	8	13	11	282	5	<5	19
2016 Anemia	0	2 (****)	2 (****)	12 (4.3)	0	0	0
2015 Total	14	5	14	295	<5	<5	10
2015 Anemia	2 (****)	0	1 (****)	18 (6.1)	0	0	0
2014 Total	6	5	10	256	<5	<5	15
2014 Anemia	1 (****)	0	1 (****)	11 (4.3)	0	0	0
2013 Total	<5	9	13	270	<5	<5	11
2013 Anemia	0	1 (****)	1 (****)	6 (2.2)	0	0	0
2012 Total	9	8	15	306	<5	<5	12
2012 Anemia	0	2 (****)	0	16 (5.2)	0	0	1 (****)
2011 Total	5	12	11	294	<5	<5	17
2011 Anemia	0	2 (****)	0	15 (5.1)	0	0	0

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

City ¹	Amer Indian AOIC NH	Asian AOIC NH ²	Black/ African- Amer AOIC NH ³	White AOIC NH	American Indian AOIC H	Other AOIC H ⁴	White AOIC H
KANDIYOHI- RENVILLE: WILLMAR							
2019 Total	10	34	393	185	7	8	350
2019 Anemia	3 (****)	3 (8.8)	61 (15.5)	22 (11.9)	0	0	46 (13.1)
2018 Total	6	43	387	194	7	8	338
2018 Anemia	1 (****)	11 (25.6)	55 (14.2)	11 (5.7)	0	1 (****)	37 (10.9)
2017 Total	7	23	385	221	7	6	343
2017 Anemia	1 (****)	2 (****)	59 (15.3)	20 (9.0)	0	1 (****)	40 (11.7)
2016 Total	9	21	364	237	5	6	342
2016 Anemia	1 (****)	5 (****)	53 (14.6)	15 (6.3)	0	0	30 (8.8)
2015 Total	7	16	340	209	5	6	355
2015 Anemia	3 (****)	1 (****)	51 (15.0)	21 (10.0)	0	1 (****)	36 (10.1)
2014 Total	<5	13	285	213	9	<5	356
2014 Anemia	2 (****)	1 (****)	45 (15.8)	20 (9.4)	1 (****)	1 (****)	23 (6.5)
2013 Total	<5	15	227	225	6	<5	378
2013 Anemia	0	2 (****)	34 (15.0)	23 (10.2)	1 (****)	0	39 (10.3)
2012 Total	<5	12	173	262	10	<5	403
2012 Anemia	0	2 (****)	29 (16.8)	20 (7.6)	2 (****)	0	50 (12.4)
2011 Total	7	14	149	304	<5	6	398
2011 Anemia	0	3 (****)	23 (15.4)	18 (5.9)	0	0	47 (11.8)

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

City ¹	Amer Indian AOIC NH	Asian AOIC NH ²	Black/ African- Amer AOIC NH ³	White AOIC NH	American Indian AOIC H	Other AOIC H ⁴	White AOIC H
MEEKER-MCLEOD- SIBLEY: HUTCHINSON							
2019 Total	<5	6	21	184	<5	<5	63
2019 Anemia	2 (****)	0	3 (****)	17 (9.2)	1 (****)	0	5 (7.9)
2018 Total	5	<5	22	188	<5	<5	65
2018 Anemia	2 (****)	0	1 (****)	21 (11.2)	0	0	10 (15.4)
2017 Total	<5	5	28	229	<5	0	56
2017 Anemia	0	0	5 (****)	32 (14.0)	0	0	10 (17.9)
2016 Total	6	12	14	214	<5	<5	47
2016 Anemia	1 (****)	0	3 (****)	18 (8.4)	0	0	7 (14.9)
2015 Total	7	16	340	209	5	6	355
2015 Anemia	3 (****)	1 (****)	51 (15.0)	21 (10.0)	0	1 (****)	36 (10.1)
2014 Total	7	8	23	254	<5	<5	55
2014 Anemia	0	0	0	18 (7.1)	0	0	4 (7.3)
2013 Total	6	8	21	245	<5	<5	48
2013 Anemia	2 (****)	0	1 (****)	21 (8.6)	0	2 (****)	5 (10.4)
2012 Total	<5	6	23	255	<5	<5	44
2012 Anemia	0	0	1 (****)	17 (6.7)	0	2 (****)	1 (2.3)
2011 Total	<5	5	17	293	<5	<5	58
2011 Anemia	0	1 (****)	1 (****)	19 (6.5)	0	0	2 (3.4)

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

City ¹	Amer Indian AOIC NH	Asian AOIC NH ²	Black/ African- Amer AOIC NH ³	White AOIC NH	American Indian AOIC H	Other AOIC H ⁴	White AOIC H
MORRISON- TODD-WADENA: LITTLE FALLS							
2019 Total	9	<5	35	247	<5	0	11
2019 Anemia	2 (****)	0	11 (31.4)	25 (10.1)	0	0	2 (****)
2018 Total	8	<5	32	271	<5	0	15
2018 Anemia	3 (****)	1 (****)	9 (28.1)	28 (10.3)	1 (****)	0	2 (****)
2017 Total	8	<5	33	306	<5	<5	20
2017 Anemia	0	1 (****)	0	23 (7.5)	0	0	1 (****)
2016 Total	11	<5	41	317	<5	<5	17
2016 Anemia	0	0	1 (2.4)	24 (7.6)	0	0	1 (****)
2015 Total	11	<5	41	320	<5	<5	13
2015 Anemia	1 (****)	1 (****)	11 (26.8)	27 (8.4)	0	0	0
2014 Total	6	<5	28	306	<5	<5	17
2014 Anemia	2 (****)	0	5 (****)	21 (6.9)	0	0	0
2013 Total	<5	<5	24	299	0	<5	17
2013 Anemia	1 (****)	0	4 (****)	24 (8.0)	0	0	1 (****)
2012 Total	<5	<5	27	318	<5	<5	23
2012 Anemia	1 (****)	1 (****)	4 (****)	21 (6.6)	0	0	1 (****)
2011 Total	<5	<5	15	343	0	<5	19
2011 Anemia	0	0	3 (****)	24 (7.0)	0	0	3 (****)

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

City ¹	Amer Indian AOIC NH	Asian AOIC NH ²	Black/ African- Amer AOIC NH ³	White AOIC NH	American Indian AOIC H	Other AOIC H ⁴	White AOIC H
MOWER: AUSTIN							
2019 Total	5	186	156	264	9	12	262
2019 Anemia	0	30 (16.1)	19 (12.2)	20 (7.6)	1 (****)	1 (****)	29 (11.1)
2018 Total	<5	66	37	231	5	6	144
2018 Anemia	0	14 (21.2)	6 (16.2)	19 (8.2)	0	0	12 (8.3)
2017 Total	<5	154	145	276	12	14	268
2017 Anemia	0	23 (14.9)	24 (16.6)	13 (4.7)	0	2 (****)	18 (6.7)
2016 Total	6	122	148	282	22	12	271
2016 Anemia	0	24 (19.7)	21 (14.2)	18 (6.4)	2 (****)	1 (****)	23 (8.5)
2015 Total	6	92	130	308	21	12	279
2015 Anemia	0	20 (21.7)	17 (13.1)	27 (8.8)	1 (****)	3 (****)	28 (10.0)
2014 Total	8	88	149	337	29	15	282
2014 Anemia	1 (****)	18 (20.5)	30 (20.1)	29 (8.6)	2 (****)	2 (****)	23 (8.2)
2013 Total	11	84	153	383	46	13	338
2013 Anemia	1 (****)	13 (15.5)	22 (14.4)	21 (5.5)	5 (10.9)	1 (****)	29 (8.6)
2012 Total	7	74	145	411	70	12	346
2012 Anemia	0	15 (20.3)	19 (13.1)	32 (7.8)	4 (5.7)	0	34 (9.8)
2011 Total	5	45	148	404	97	14	342
2011 Anemia	1 (****)	11 (24.4)	16 (10.8)	25 (6.2)	7 (7.2)	0	40 (11.7)

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

City ¹	Amer Indian AOIC NH	Asian AOIC NH ²	Black/ African- Amer AOIC NH ³	White AOIC NH	American Indian AOIC H	Other AOIC H ⁴	White AOIC H
NOBLES: WORTHINGTON							
2019 Total	<5	70	76	39	68	9	499
2019 Anemia	0	4 (5.7)	1 (1.3)	2 (5.1)	0	1 (****)	15 (3.0)
2018 Total	<5	86	80	41	73	14	475
2018 Anemia	0	18 (20.9)	3 (3.8)	6 (14.6)	5 (6.8)	1 (****)	30 (6.3)
2017 Total	0	75	90	60	103	13	436
2017 Anemia	0	11 (14.7)	6 (6.7)	5 (8.3)	4 (3.9)	2 (****)	22 (5.0)
2016 Total	<5	82	76	61	147	17	410
2016 Anemia	0	10 (12.2)	5 (6.6)	3 (4.9)	7 (4.8)	0	13 (3.2)
2015 Total	<5	72	60	74	128	9	366
2015 Anemia	1 (****)	10 (13.9)	8 (13.3)	6 (8.1)	10 (7.8)	0	20 (5.5)
2014 Total	6	72	60	77	145	9	324
2014 Anemia	0	5 (6.9)	4 (6.7)	3 (3.9)	6 (4.1)	0	18 (5.6)
2013 Total	<5	77	66	91	134	11	317
2013 Anemia	0	9 (11.7)	8 (12.1)	7 (7.7)	5 (3.7)	0	16 (5.0)
2012 Total	<5	72	56	87	116	19	349
2012 Anemia	0	16 (22.2)	8 (14.3)	4 (4.6)	3 (2.6)	0	13 (3.7)
2011 Total	<5	58	54	82	116	11	380
2011 Anemia	0	8 (13.8)	4 (7.4)	3 (3.7)	5 (4.3)	3 (****)	7 (1.8)

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

City ¹	Amer Indian AOIC NH	Asian AOIC NH ²	Black/ African- Amer AOIC NH ³	White AOIC NH	American Indian AOIC H	Other AOIC H ⁴	White AOIC H
OLMSTED: ROCHESTER							
2019 Total	27	195	936	718	8	58	343
2019 Anemia	2 (****)	34 (17.4)	209 (22.3)	120 (16.7)	4 (****)	15 (25.9)	57 (16.6)
2018 Total	31	217	903	715	7	47	389
2018 Anemia	6 (19.4)	46 (21.2)	188 (20.8)	139 (19.4)	2 (****)	14 (29.8)	64 (16.5)
2017 Total	31	233	900	794	8	40	392
2017 Anemia	10 (32.3)	45 (19.3)	193 (21.4)	138 (17.4)	1 (****)	9 (22.5)	71 (18.1)
2016 Total	36	253	835	891	<5	40	387
2016 Anemia	7 (19.4)	41 (16.2)	153 (18.3)	130 (14.6)	0	8 (20.0)	65 (16.8)
2015 Total	37	256	865	943	7	44	390
2015 Anemia	3 (8.1)	51 (19.9)	148 (17.1)	122 (12.9)	1 (****)	9 (20.5)	55 (14.1)
2014 Total	32	253	900	1,032	7	41	402
2014 Anemia	4 (12.5)	43 (17.0)	120 (13.3)	96 (9.3)	2 (****)	6 (14.6)	50 (12.4)
2013 Total	18	293	864	1,048	7	43	395
2013 Anemia	1 (****)	52 (17.7)	123 (14.2)	123 (11.7)	1 (****)	9 (20.9)	45 (11.4)
2012 Total	22	303	839	1,127	11	40	450
2012 Anemia	3 (****)	58 (19.1)	121 (14.4)	125 (11.1)	0	8 (20.0)	61 (13.6)
2011 Total	36	315	860	1,199	16	48	502
2011 Anemia	4 (11.1)	59 (18.7)	132 (15.3)	112 (9.3)	3 (****)	7 (14.6)	51 (10.2)

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

City ¹	Amer Indian AOIC NH	Asian AOIC NH ²	Black/ African- Amer AOIC NH ³	White AOIC NH	American Indian AOIC H	Other AOIC H ⁴	White AOIC H
PARTNERSHIP 4 HEALTH: DETROIT LAKES							
2019 Total	66	<5	25	277	8	<5	23
2019 Anemia	3 (4.5)	0	2 (****)	10 (3.6)	0	0	1 (****)
2018 Total	73	6	24	292	8	<5	18
2018 Anemia	5 (6.8)	0	2 (****)	18 (6.2)	0	0	2 (****)
2017 Total	66	5	24	273	8	0	24
2017 Anemia	4 (6.1)	1 (****)	1 (****)	21 (7.7)	0	0	2 (****)
2016 Total	76	6	18	287	<5	<5	12
2016 Anemia	2 (2.6)	0	3 (****)	19 (6.6)	0	0	1 (****)
2015 Total	82	10	29	293	7	<5	21
2015 Anemia	9 (11.0)	1 (****)	5 (****)	20 (6.8)	1 (****)	0	1 (****)
2014 Total	83	8	26	296	7	<5	21
2014 Anemia	8 (9.6)	1 (****)	3 (****)	20 (6.8)	0	0	2 (****)
2013 Total	85	7	19	310	<5	5	18
2013 Anemia	5 (5.9)	0	2 (****)	25 (8.1)	1 (****)	1 (****)	2 (****)
2012 Total	79	5	22	344	7	<5	19
2012 Anemia	8 (10.1)	0	3 (****)	18 (5.2)	0	0	1 (****)
2011 Total	83	8	23	368	8	8	23
2011 Anemia	6 (7.2)	0	1 (****)	13 (3.5)	0	0	1 (****)

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

City ¹	Amer Indian AOIC NH	Asian AOIC NH ²	Black/ African- Amer AOIC NH ³	White AOIC NH	American Indian AOIC H	Other AOIC H ⁴	White AOIC H
PARTNERSHIP 4 HEALTH: FERGUS FALLS							
2019 Total	10	10	32	256	<5	<5	15
2019 Anemia	0	0	2 (6.2)	18 (7.0)	0	0	0
2018 Total	13	12	33	257	<5	<5	10
2018 Anemia	0	0	3 (9.1)	16 (6.2)	1 (****)	1 (****)	1 (****)
2017 Total	12	10	31	277	5	<5	13
2017 Anemia	0	1 (****)	1 (3.2)	27 (9.7)	0	1 (****)	1 (****)
2016 Total	14	8	25	284	7	<5	17
2016 Anemia	0	0	0	17 (6.0)	2 (****)	1 (****)	2 (****)
2015 Total	13	13	34	316	7	<5	14
2015 Anemia	3 (****)	0	5 (14.7)	20 (6.3)	1 (****)	0	1 (****)
2014 Total	16	11	36	313	12	<5	18
2014 Anemia	2 (****)	1 (****)	8 (22.2)	19 (6.1)	0	0	0
2013 Total	17	10	36	295	11	8	17
2013 Anemia	1 (****)	0	1 (2.8)	12 (4.1)	1 (****)	0	1 (****)
2012 Total	16	12	32	318	15	<5	16
2012 Anemia	0	0	3 (9.4)	16 (5.0)	0	0	1 (****)
2011 Total	16	15	34	345	11	5	8
2011 Anemia	1 (****)	0	3 (8.8)	16 (4.6)	1 (****)	0	1 (****)

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

City ¹	Amer Indian AOIC NH	Asian AOIC NH ²	Black/ African- Amer AOIC NH ³	White AOIC NH	American Indian AOIC H	Other AOIC H ⁴	White AOIC H
PARTNERSHIP 4 HEALTH: MOORHEAD							
2019 Total	61	22	303	394	16	16	109
2019 Anemia	3 (4.9)	0	29 (9.6)	22 (5.6)	1 (****)	2 (****)	5 (4.6)
2018 Total	74	18	296	427	19	20	135
2018 Anemia	6 (8.1)	1 (****)	42 (14.2)	29 (6.8)	1 (****)	0	11 (8.1)
2017 Total	64	16	260	503	18	14	130
2017 Anemia	1 (1.6)	1 (****)	31 (11.9)	42 (8.3)	0	2 (****)	10 (7.7)
2016 Total	86	19	243	527	16	13	126
2016 Anemia	7 (8.1)	1 (****)	20 (8.2)	30 (5.7)	0	1 (****)	8 (6.3)
2015 Total	69	17	182	523	23	16	161
2015 Anemia	6 (8.7)	4 (****)	21 (11.5)	32 (6.1)	1 (****)	2 (****)	10 (6.2)
2014 Total	77	14	122	558	35	17	159
2014 Anemia	4 (5.2)	2 (****)	8 (6.6)	21 (3.8)	1 (2.9)	1 (****)	4 (2.5)
2013 Total	76	15	109	570	24	13	148
2013 Anemia	3 (3.9)	1 (****)	17 (15.6)	20 (3.5)	2 (****)	0	7 (4.7)
2012 Total	80	25	88	545	27	16	154
2012 Anemia	5 (6.2)	2 (****)	14 (15.9)	40 (7.3)	6 (****)	3 (****)	7 (4.5)
2011 Total	90	28	96	557	27	16	141
2011 Anemia	4 (4.4)	3 (****)	11 (11.5)	24 (4.3)	1 (****)	0	5 (3.5)

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

City ¹	Amer Indian AOIC NH	Asian AOIC NH ²	Black/ African- Amer AOIC NH ³	White AOIC NH	American Indian AOIC H	Other AOIC H ⁴	White AOIC H
QUIN: THIEF RIVER FALLS							
2019 Total	10	7	17	196	<5	7	40
2019 Anemia	0	0	0	8 (4.1)	0	0	1 (2.5)
2018 Total	16	9	16	210	<5	5	41
2018 Anemia	2 (****)	0	0	8 (3.8)	0	0	1 (2.4)
2017 Total	17	<5	18	194	<5	5	33
2017 Anemia	0	0	1 (****)	5 (2.6)	1 (****)	0	1 (3.0)
2016 Total	28	6	21	252	<5	<5	30
2016 Anemia	0	0	0	8 (3.2)	0	1 (****)	3 (10.0)
2015 Total	28	5	15	238	6	<5	47
2015 Anemia	0	0	1 (****)	12 (5.0)	0	0	0
2014 Total	21	6	9	224	8	5	37
2014 Anemia	0	0	0	7 (3.1)	0	0	2 (5.4)
2013 Total	23	7	11	253	7	<5	33
2013 Anemia	5 (****)	1 (****)	0	13 (5.1)	1 (****)	0	2 (6.1)
2012 Total	24	9	19	277	7	5	40
2012 Anemia	5 (****)	0	1 (****)	12 (4.3)	1 (****)	0	1 (2.5)
2011 Total	29	<5	20	268	7	<5	35
2011 Anemia	3 (****)	0	1 (****)	8 (3.0)	0	1 (****)	4 (11.4)

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

City ¹	Amer Indian AOIC NH	Asian AOIC NH ²	Black/ African- Amer AOIC NH ³	White AOIC NH	American Indian AOIC H	Other AOIC H ⁴	White AOIC H
RAMSEY: ARDEN HILLS/ SHOREVIEW/ VADNAIS HTS							
2019 Total	6	79	67	77	<5	5	32
2019 Anemia	0	13 (16.5)	10 (14.9)	10 (13.0)	0	1 (****)	4 (12.5)
2018 Total	7	72	70	87	6	9	34
2018 Anemia	0	13 (18.1)	13 (18.6)	14 (16.1)	0	1 (****)	4 (11.8)
2017 Total	7	73	96	86	<5	11	40
2017 Anemia	2 (****)	9 (12.3)	29 (30.2)	16 (18.6)	1 (****)	3 (****)	4 (10.0)
2016 Total	9	78	89	118	8	10	41
2016 Anemia	3 (****)	11 (14.1)	17 (19.1)	17 (14.4)	1 (****)	0	3 (7.3)
2015 Total	9	96	77	133	7	9	44
2015 Anemia	1 (****)	14 (14.6)	12 (15.6)	15 (11.3)	3 (****)	4 (****)	7 (15.9)
2014 Total	6	85	68	142	6	11	30
2014 Anemia	1 (****)	11 (12.9)	13 (19.1)	14 (9.9)	0	0	3 (10.0)
2013 Total	10	76	64	149	8	5	37
2013 Anemia	1 (****)	6 (7.9)	7 (10.9)	15 (10.1)	1 (****)	0	6 (16.2)
2012 Total	<5	68	57	141	5	<5	39
2012 Anemia	0	9 (13.2)	6 (10.5)	11 (7.8)	0	1 (****)	6 (15.4)
2011 Total	6	65	62	147	7	5	41
2011 Anemia	0	7 (10.8)	5 (8.1)	19 (12.9)	0	3 (****)	8 (19.5)

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

City ¹	Amer Indian AOIC NH	Asian AOIC NH ²	Black/ African- Amer AOIC NH ³	White AOIC NH	American Indian AOIC H	Other AOIC H ⁴	White AOIC H
RAMSEY: LITTLE CANADA/ NORTH ST. PAUL							
2019 Total	5	132	111	103	6	11	54
2019 Anemia	1 (****)	27 (20.5)	30 (27.0)	14 (13.6)	1 (****)	3 (****)	11 (20.4)
2018 Total	13	118	112	128	12	10	57
2018 Anemia	1 (****)	17 (14.4)	26 (23.2)	29 (22.7)	3 (****)	2 (****)	12 (21.1)
2017 Total	11	120	104	124	11	10	75
2017 Anemia	3 (****)	26 (21.7)	27 (26.0)	18 (14.5)	2 (****)	2 (****)	13 (17.3)
2016 Total	13	112	121	122	6	11	81
2016 Anemia	2 (****)	18 (16.1)	21 (17.4)	13 (10.7)	1 (****)	1 (****)	17 (21.0)
2015 Total	12	132	106	106	8	17	94
2015 Anemia	3 (****)	20 (15.2)	28 (26.4)	17 (16.0)	0	4 (****)	13 (13.8)
2014 Total	14	124	121	131	9	12	100
2014 Anemia	1 (****)	9 (7.3)	20 (16.5)	17 (13.0)	1 (****)	1 (****)	13 (13.0)
2013 Total	11	113	107	122	11	15	69
2013 Anemia	1 (****)	12 (10.6)	17 (15.9)	11 (9.0)	0	3 (****)	8 (11.6)
2012 Total	11	104	95	124	20	11	60
2012 Anemia	0	18 (17.3)	16 (16.8)	10 (8.1)	2 (****)	2 (****)	6 (10.0)
2011 Total	21	96	87	133	30	10	51
2011 Anemia	3 (****)	16 (16.7)	14 (16.1)	15 (11.3)	1 (3.3)	1 (****)	11 (21.6)

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

City ¹	Amer Indian AOIC NH	Asian AOIC NH ²	Black/ African- Amer AOIC NH ³	White AOIC NH	American Indian AOIC H	Other AOIC H ⁴	White AOIC H
RAMSEY: MAPLEWOOD							
2019 Total	8	391	246	153	18	33	95
2019 Anemia	1 (****)	63 (16.1)	55 (22.4)	20 (13.1)	6 (****)	10 (30.3)	17 (17.9)
2018 Total	12	356	238	149	16	31	104
2018 Anemia	3 (****)	63 (17.7)	48 (20.2)	23 (15.4)	4 (****)	7 (22.6)	16 (15.4)
2017 Total	8	327	241	165	15	31	123
2017 Anemia	2 (****)	51 (15.6)	59 (24.5)	35 (21.2)	3 (****)	6 (19.4)	18 (14.6)
2016 Total	12	303	227	154	18	25	129
2016 Anemia	1 (****)	59 (19.5)	56 (24.7)	27 (17.5)	1 (****)	4 (****)	22 (17.1)
2015 Total	11	284	215	177	16	23	130
2015 Anemia	2 (****)	42 (14.8)	30 (14.0)	25 (14.1)	1 (****)	8 (****)	18 (13.8)
2014 Total	18	289	239	203	15	21	131
2014 Anemia	2 (****)	44 (15.2)	58 (24.3)	28 (13.8)	0	0	15 (11.5)
2013 Total	15	269	191	183	24	18	118
2013 Anemia	1 (****)	33 (12.3)	39 (20.4)	19 (10.4)	1 (****)	2 (****)	9 (7.6)
2012 Total	14	276	184	212	29	21	116
2012 Anemia	1 (****)	28 (10.1)	31 (16.8)	20 (9.4)	2 (****)	2 (****)	10 (8.6)
2011 Total	9	257	196	212	35	18	129
2011 Anemia	2 (****)	36 (14.0)	44 (22.4)	25 (11.8)	3 (8.6)	3 (****)	18 (14.0)

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

City ¹	Amer Indian AOIC NH	Asian AOIC NH ²	Black/ African- Amer AOIC NH ³	White AOIC NH	American Indian AOIC H	Other AOIC H ⁴	White AOIC H
RAMSEY: MOUNDS VIEW							
2019 Total	7	35	81	64	5	6	24
2019 Anemia	2 (****)	9 (25.7)	24 (29.6)	20 (31.2)	0	1 (****)	4 (****)
2018 Total	9	38	78	87	6	<5	31
2018 Anemia	1 (****)	8 (21.1)	16 (20.5)	8 (9.2)	0	0	3 (9.7)
2017 Total	9	39	88	102	8	6	37
2017 Anemia	1 (****)	5 (12.8)	16 (18.2)	11 (10.8)	0	0	4 (10.8)
2016 Total	12	40	92	136	7	<5	37
2016 Anemia	3 (****)	4 (10.0)	18 (19.6)	14 (10.3)	0	0	4 (10.8)
2015 Total	8	54	79	113	6	7	48
2015 Anemia	0	10 (18.5)	9 (11.4)	10 (8.8)	1 (****)	0	10 (20.8)
2014 Total	<5	33	82	125	13	6	37
2014 Anemia	1 (****)	2 (6.1)	15 (18.3)	15 (12.0)	1 (****)	1 (****)	5 (13.5)
2013 Total	6	37	68	130	13	6	41
2013 Anemia	0	2 (5.4)	16 (23.5)	16 (12.3)	1 (****)	0	5 (12.2)
2012 Total	5	35	57	124	8	<5	41
2012 Anemia	1 (****)	3 (8.6)	11 (19.3)	10 (8.1)	1 (****)	1 (****)	7 (17.1)
2011 Total	<5	41	63	110	5	<5	39
2011 Anemia	1 (****)	6 (14.6)	14 (22.2)	15 (13.6)	2 (****)	1 (****)	6 (15.4)

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

City ¹	Amer Indian AOIC NH	Asian AOIC NH ²	Black/ African- Amer AOIC NH ³	White AOIC NH	American Indian AOIC H	Other AOIC H ⁴	White AOIC H
RAMSEY: NEW BRIGHTON							
2019 Total	9	29	182	99	9	12	45
2019 Anemia	1 (****)	7 (****)	53 (29.1)	11 (11.1)	2 (****)	1 (****)	5 (11.1)
2018 Total	11	37	185	116	10	9	45
2018 Anemia	4 (****)	13 (35.1)	44 (23.8)	13 (11.2)	1 (****)	0	4 (8.9)
2017 Total	20	42	198	150	12	11	50
2017 Anemia	5 (****)	7 (16.7)	39 (19.7)	23 (15.3)	2 (****)	1 (****)	9 (18.0)
2016 Total	18	45	198	157	11	7	51
2016 Anemia	1 (****)	4 (8.9)	33 (16.7)	16 (10.2)	7 (****)	3 (****)	8 (15.7)
2015 Total	12	34	191	135	14	6	55
2015 Anemia	1 (****)	5 (14.7)	24 (12.6)	12 (8.9)	1 (****)	1 (****)	7 (12.7)
2014 Total	10	30	176	146	11	10	61
2014 Anemia	0	4 (13.3)	26 (14.8)	11 (7.5)	1 (****)	3 (****)	8 (13.1)
2013 Total	7	30	169	140	10	6	62
2013 Anemia	2 (****)	4 (13.3)	18 (10.7)	12 (8.6)	1 (****)	2 (****)	6 (9.7)
2012 Total	8	28	168	138	11	5	56
2012 Anemia	1 (****)	5 (****)	30 (17.9)	12 (8.7)	3 (****)	0	5 (8.9)
2011 Total	10	24	162	170	8	8	59
2011 Anemia	2 (****)	5 (****)	26 (16.0)	12 (7.1)	1 (****)	3 (****)	4 (6.8)

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

City ¹	Amer Indian AOIC NH	Asian AOIC NH ²	Black/ African- Amer AOIC NH ³	White AOIC NH	American Indian AOIC H	Other AOIC H ⁴	White AOIC H
RAMSEY: ROSEVILLE							
2019 Total	5	101	177	85	14	<5	44
2019 Anemia	1 (****)	21 (20.8)	35 (19.8)	15 (17.6)	2 (****)	1 (****)	7 (15.9)
2018 Total	9	109	179	77	16	11	46
2018 Anemia	3 (****)	29 (26.6)	32 (17.9)	20 (26.0)	3 (****)	2 (****)	3 (6.5)
2017 Total	5	114	199	93	19	14	49
2017 Anemia	0	28 (24.6)	44 (22.1)	9 (9.7)	5 (****)	2 (****)	5 (10.2)
2016 Total	14	115	200	100	9	12	56
2016 Anemia	3 (****)	37 (32.2)	40 (20.0)	13 (13.0)	3 (****)	3 (****)	9 (16.1)
2015 Total	10	108	186	107	8	11	54
2015 Anemia	2 (****)	18 (16.7)	27 (14.5)	12 (11.2)	1 (****)	1 (****)	8 (14.8)
2014 Total	11	92	167	97	9	6	59
2014 Anemia	2 (****)	17 (18.5)	28 (16.8)	6 (6.2)	2 (****)	1 (****)	4 (6.8)
2013 Total	11	98	161	87	13	8	69
2013 Anemia	1 (****)	14 (14.3)	21 (13.0)	8 (9.2)	2 (****)	0	5 (7.2)
2012 Total	11	90	158	97	16	6	61
2012 Anemia	0	25 (27.8)	28 (17.7)	8 (8.2)	2 (****)	3 (****)	11 (18.0)
2011 Total	11	79	129	91	24	<5	60
2011 Anemia	3 (****)	17 (21.5)	28 (21.7)	12 (13.2)	5 (****)	1 (****)	10 (16.7)

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

City ¹	Amer Indian AOIC NH	Asian AOIC NH ²	Black/ African- Amer AOIC NH ³	White AOIC NH	American Indian AOIC H	Other AOIC H ⁴	White AOIC H
RAMSEY: ST. PAUL							
2019 Total	179	4,051	3,697	1,204	232	315	1,037
2019 Anemia	45 (25.1)	862 (21.3)	921 (24.9)	239 (19.9)	42 (18.1)	53 (16.8)	185 (17.8)
2018 Total	213	4,218	3,836	1,274	243	335	1,105
2018 Anemia	59 (27.7)	850 (20.2)	943 (24.6)	235 (18.4)	36 (14.8)	81 (24.2)	180 (16.3)
2017 Total	238	4,408	3,893	1,398	267	313	1,198
2017 Anemia	54 (22.7)	904 (20.5)	928 (23.8)	244 (17.5)	41 (15.4)	65 (20.8)	183 (15.3)
2016 Total	247	4,643	4,121	1,468	316	322	1,339
2016 Anemia	49 (19.8)	915 (19.7)	880 (21.4)	262 (17.8)	56 (17.7)	69 (21.4)	194 (14.5)
2015 Total	276	4,598	4,155	1,565	333	386	1,455
2015 Anemia	51 (18.5)	751 (16.3)	879 (21.2)	231 (14.8)	44 (13.2)	79 (20.5)	202 (13.9)
2014 Total	299	4,544	4,140	1,758	368	381	1,574
2014 Anemia	64 (21.4)	659 (14.5)	836 (20.2)	276 (15.7)	54 (14.7)	57 (15.0)	214 (13.6)
2013 Total	315	4,542	4,092	1,748	490	380	1,618
2013 Anemia	43 (13.7)	674 (14.8)	725 (17.7)	205 (11.7)	58 (11.8)	46 (12.1)	192 (11.9)
2012 Total	303	4,286	4,028	1,868	635	360	1,616
2012 Anemia	49 (16.2)	637 (14.9)	785 (19.5)	262 (14.0)	73 (11.5)	53 (14.7)	205 (12.7)
2011 Total	347	4,080	4,077	1,927	767	347	1,582
2011 Anemia	55 (15.9)	695 (17.0)	811 (19.9)	238 (12.4)	90 (11.7)	45 (13.0)	185 (11.7)

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

City ¹	Amer Indian AOIC NH	Asian AOIC NH ²	Black/ African- Amer AOIC NH ³	White AOIC NH	American Indian AOIC H	Other AOIC H ⁴	White AOIC H
RAMSEY: WHITE BEAR LAKE							
2019 Total	5	45	68	108	5	7	35
2019 Anemia	2 (****)	6 (13.3)	14 (20.6)	20 (18.5)	3 (****)	3 (****)	5 (14.3)
2018 Total	5	43	60	114	<5	5	27
2018 Anemia	2 (****)	3 (7.0)	12 (20.0)	19 (16.7)	0	3 (****)	4 (****)
2017 Total	6	48	65	112	6	13	30
2017 Anemia	1 (****)	4 (8.3)	16 (24.6)	18 (16.1)	1 (****)	5 (****)	4 (13.3)
2016 Total	10	46	58	140	6	12	40
2016 Anemia	1 (****)	5 (10.9)	10 (17.2)	21 (15.0)	1 (****)	1 (****)	3 (7.5)
2015 Total	11	39	59	152	8	13	43
2015 Anemia	1 (****)	4 (10.3)	16 (27.1)	24 (15.8)	1 (****)	3 (****)	3 (7.0)
2014 Total	14	33	63	179	11	12	52
2014 Anemia	0	4 (12.1)	5 (7.9)	17 (9.5)	0	2 (****)	8 (15.4)
2013 Total	11	43	51	192	13	13	53
2013 Anemia	2 (****)	3 (7.0)	11 (21.6)	23 (12.0)	2 (****)	0	6 (11.3)
2012 Total	12	36	45	193	18	9	45
2012 Anemia	2 (****)	1 (2.8)	13 (28.9)	23 (11.9)	2 (****)	0	2 (4.4)
2011 Total	8	46	54	210	17	6	46
2011 Anemia	1 (****)	7 (15.2)	9 (16.7)	15 (7.1)	3 (****)	1 (****)	7 (15.2)

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

City ¹	Amer Indian AOIC NH	Asian AOIC NH ²	Black/ African- Amer AOIC NH ³	White AOIC NH	American Indian AOIC H	Other AOIC H ⁴	White AOIC H
RICE: FARIBAULT							
2019 Total	9	14	433	211	<5	7	167
2019 Anemia	0	0	53 (12.2)	16 (7.6)	1 (****)	0	9 (5.4)
2018 Total	7	17	438	246	<5	<5	164
2018 Anemia	1 (****)	0	71 (16.2)	25 (10.2)	0	0	11 (6.7)
2017 Total	6	12	430	252	<5	<5	196
2017 Anemia	2 (****)	4 (****)	93 (21.6)	40 (15.9)	0	3 (****)	35 (17.9)
2016 Total	5	12	375	255	5	5	194
2016 Anemia	1 (****)	4 (****)	73 (19.5)	48 (18.8)	0	2 (****)	31 (16.0)
2015 Total	<5	24	349	260	<5	7	197
2015 Anemia	1 (****)	4 (****)	68 (19.5)	31 (11.9)	1 (****)	2 (****)	25 (12.7)
2014 Total	6	21	332	316	<5	6	208
2014 Anemia	1 (****)	2 (****)	64 (19.3)	42 (13.3)	0	0	25 (12.0)
2013 Total	7	18	268	330	5	7	251
2013 Anemia	0	2 (****)	47 (17.5)	36 (10.9)	1 (****)	2 (****)	35 (13.9)
2012 Total	<5	18	246	388	7	8	259
2012 Anemia	0	3 (****)	31 (12.6)	33 (8.5)	1 (****)	0	27 (10.4)
2011 Total	<5	11	202	402	6	6	281
2011 Anemia	0	1 (****)	42 (20.8)	34 (8.5)	1 (****)	0	33 (11.7)

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

City ¹	Amer Indian AOIC NH	Asian AOIC NH ²	Black/ African- Amer AOIC NH ³	White AOIC NH	American Indian AOIC H	Other AOIC H ⁴	White AOIC H
RICE: NORTHFIELD							
2019 Total	<5	<5	14	77	0	0	65
2019 Anemia	0	0	1 (****)	4 (5.2)	0	0	3 (4.6)
2018 Total	<5	5	18	77	0	0	64
2018 Anemia	0	1 (****)	7 (****)	10 (13.0)	0	0	12 (18.8)
2017 Total	<5	6	28	82	0	0	81
2017 Anemia	0	0	12 (****)	9 (11.0)	0	0	14 (17.3)
2016 Total	<5	6	27	86	<5	<5	82
2016 Anemia	0	0	7 (****)	11 (12.8)	0	0	10 (12.2)
2015 Total	5	<5	25	102	<5	<5	103
2015 Anemia	1 (****)	1 (****)	6 (****)	13 (12.7)	0	0	12 (11.7)
2014 Total	<5	<5	22	121	<5	0	108
2014 Anemia	1 (****)	0	5 (****)	11 (9.1)	0	0	23 (21.3)
2013 Total	5	<5	18	154	<5	0	113
2013 Anemia	3 (****)	1 (****)	0	22 (14.3)	0	0	17 (15.0)
2012 Total	<5	6	19	159	<5	0	101
2012 Anemia	0	2 (****)	3 (****)	18 (11.3)	0	0	7 (6.9)
2011 Total	<5	<5	19	153	5	0	132
2011 Anemia	1 (****)	3 (****)	1 (****)	19 (12.4)	0	0	15 (11.4)

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

City ¹	Amer Indian AOIC NH	Asian AOIC NH ²	Black/ African- Amer AOIC NH ³	White AOIC NH	American Indian AOIC H	Other AOIC H ⁴	White AOIC H
RICHFIELD: RICHFIELD							
2019 Total	15	34	162	85	46	16	205
2019 Anemia	2 (****)	6 (17.6)	21 (13.0)	8 (9.4)	4 (8.7)	1 (****)	13 (6.3)
2018 Total	17	44	180	99	69	13	244
2018 Anemia	1 (****)	6 (13.6)	18 (10.0)	9 (9.1)	10 (14.5)	2 (****)	26 (10.7)
2017 Total	16	36	184	108	98	13	237
2017 Anemia	0	5 (13.9)	15 (8.2)	9 (8.3)	7 (7.1)	2 (****)	19 (8.0)
2016 Total	16	36	190	113	132	12	241
2016 Anemia	0	4 (11.1)	20 (10.5)	13 (11.5)	10 (7.6)	1 (****)	26 (10.8)
2015 Total	13	35	186	126	175	6	258
2015 Anemia	2 (****)	5 (14.3)	19 (10.2)	11 (8.7)	13 (7.4)	0	25 (9.7)
2014 Total	11	49	185	116	212	14	273
2014 Anemia	4 (****)	6 (12.2)	29 (15.7)	11 (9.5)	13 (6.1)	3 (****)	28 (10.3)
2013 Total	17	54	182	123	219	12	298
2013 Anemia	1 (****)	5 (9.3)	25 (13.7)	12 (9.8)	13 (5.9)	2 (****)	25 (8.4)
2012 Total	23	64	177	131	222	17	284
2012 Anemia	4 (****)	5 (7.8)	24 (13.6)	15 (11.5)	17 (7.7)	2 (****)	21 (7.4)
2011 Total	19	42	165	142	209	17	370
2011 Anemia	3 (****)	2 (4.8)	22 (13.3)	14 (9.9)	21 (10.0)	3 (****)	30 (8.1)

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

City ¹	Amer Indian AOIC NH	Asian AOIC NH ²	Black/ African- Amer AOIC NH ³	White AOIC NH	American Indian AOIC H	Other AOIC H ⁴	White AOIC H
SCOTT: PRIOR LAKE/SAVAGE							
2019 Total	10	53	256	171	<5	6	50
2019 Anemia	1 (****)	7 (13.2)	31 (12.1)	17 (9.9)	0	0	6 (12.0)
2018 Total	<5	45	232	149	7	8	56
2018 Anemia	0	10 (22.2)	35 (15.1)	16 (10.7)	2 (****)	2 (****)	8 (14.3)
2017 Total	8	52	215	169	7	7	60
2017 Anemia	0	6 (11.5)	38 (17.7)	22 (13.0)	0	0	10 (16.7)
2016 Total	12	44	230	185	10	11	48
2016 Anemia	1 (****)	6 (13.6)	26 (11.3)	17 (9.2)	2 (****)	2 (****)	2 (4.2)
2015 Total	16	46	220	184	13	14	49
2015 Anemia	3 (****)	10 (21.7)	25 (11.4)	16 (8.7)	1 (****)	0	5 (10.2)
2014 Total	14	46	184	232	11	7	35
2014 Anemia	2 (****)	7 (15.2)	26 (14.1)	20 (8.6)	1 (****)	2 (****)	6 (17.1)
2013 Total	13	39	184	223	16	9	34
2013 Anemia	2 (****)	5 (12.8)	17 (9.2)	12 (5.4)	1 (****)	0	3 (8.8)
2012 Total	13	49	204	232	18	7	31
2012 Anemia	1 (****)	8 (16.3)	20 (9.8)	19 (8.2)	0	1 (****)	2 (6.5)
2011 Total	15	52	188	254	21	5	44
2011 Anemia	1 (****)	5 (9.6)	19 (10.1)	24 (9.4)	0	0	5 (11.4)

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

City ¹	Amer Indian AOIC NH	Asian AOIC NH ²	Black/ African- Amer AOIC NH ³	White AOIC NH	American Indian AOIC H	Other AOIC H ⁴	White AOIC H
SCOTT: SHAKOPEE							
2019 Total	14	63	234	181	6	9	136
2019 Anemia	1 (****)	8 (12.7)	36 (15.4)	13 (7.2)	0	1 (****)	9 (6.6)
2018 Total	15	48	250	191	12	11	163
2018 Anemia	2 (****)	9 (18.8)	49 (19.6)	32 (16.8)	1 (****)	2 (****)	21 (12.9)
2017 Total	20	71	262	230	18	20	171
2017 Anemia	2 (****)	12 (16.9)	52 (19.8)	21 (9.1)	5 (****)	4 (****)	27 (15.8)
2016 Total	19	82	234	232	31	28	165
2016 Anemia	3 (****)	15 (18.3)	34 (14.5)	24 (10.3)	0	3 (****)	22 (13.3)
2015 Total	24	90	221	237	48	28	149
2015 Anemia	1 (****)	11 (12.2)	35 (15.8)	34 (14.3)	2 (4.2)	5 (****)	22 (14.8)
2014 Total	29	73	238	265	59	22	175
2014 Anemia	6 (****)	12 (16.4)	35 (14.7)	29 (10.9)	2 (3.4)	1 (****)	19 (10.9)
2013 Total	20	82	215	258	71	19	20
2013 Anemia	0	10 (12.2)	34 (15.8)	24 (9.3)	6 (8.5)	1 (****)	13 (7.9)
2012 Total	22	78	195	279	84	19	171
2012 Anemia	4 (****)	14 (17.9)	30 (15.4)	24 (8.6)	4 (4.8)	2 (****)	22 (12.9)
2011 Total	17	90	202	298	88	24	167
2011 Anemia	2 (****)	10 (11.1)	30 (14.9)	36 (12.1)	8 (9.1)	0	17 (10.2)

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

City ¹	Amer Indian AOIC NH	Asian AOIC NH ²	Black/ African- Amer AOIC NH ³	White AOIC NH	American Indian AOIC H	Other AOIC H ⁴	White AOIC H
SHERBURNE: BIG LAKE/ CLEAR LAKE/ BECKER							
2019 Total	6	10	39	298	<5	<5	39
2019 Anemia	0	2 (****)	6 (15.4)	14 (4.7)	1 (****)	0	2 (5.1)
2018 Total	6	15	28	345	0	<5	30
2018 Anemia	2 (****)	3 (****)	3 (****)	27 (7.8)	0	1 (****)	2 (6.7)
2017 Total	<5	12	32	349	<5	<5	17
2017 Anemia	0	1 (****)	3 (9.4)	28 (8.0)	0	0	0
2016 Total	6	14	19	374	<5	<5	22
2016 Anemia	1 (****)	2 (****)	2 (****)	27 (7.2)	0	0	2 (****)
2015 Total	9	15	23	371	<5	<5	34
2015 Anemia	0	1 (****)	3 (****)	28 (7.5)	0	0	4 (11.8)
2014 Total	<5	12	28	386	<5	<5	27
2014 Anemia	0	1 (****)	5 (****)	27 (7.0)	0	0	1 (****)
2013 Total	<5	17	29	386	<5	<5	31
2013 Anemia	1 (****)	1 (****)	3 (****)	36 (9.3)	0	1 (****)	4 (12.9)
2012 Total	<5	14	32	405	9	<5	33
2012 Anemia	1 (****)	0	5 (15.6)	22 (5.4)	2 (****)	0	1 (3.0)
2011 Total	8	18	27	436	12	<5	34
2011 Anemia	1 (****)	1 (****)	2 (****)	23 (5.3)	1 (****)	0	2 (5.9)

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

City ¹	Amer Indian AOIC NH	Asian AOIC NH ²	Black/ African- Amer AOIC NH ³	White AOIC NH	American Indian AOIC H	Other AOIC H ⁴	White AOIC H
SHERBURNE: ELK RIVER/ ZIMMERMAN							
2019 Total	7	17	48	317	<5	6	25
2019 Anemia	1 (****)	1 (****)	5 (10.4)	20 (6.3)	1 (****)	3 (****)	3 (****)
2018 Total	7	9	45	355	<5	6	24
2018 Anemia	3 (****)	0	7 (15.6)	35 (9.9)	1 (****)	2 (****)	6 (****)
2017 Total	12	8	38	399	<5	<5	34
2017 Anemia	2 (****)	1 (****)	11 (28.9)	40 (10.0)	0	2 (****)	5 (14.7)
2016 Total	15	16	40	439	<5	7	37
2016 Anemia	0	0	5 (12.5)	32 (7.3)	0	2 (****)	4 (10.8)
2015 Total	17	15	46	449	<5	8	35
2015 Anemia	0	1 (****)	4 (8.7)	28 (6.2)	0	1 (****)	1 (2.9)
2014 Total	10	15	33	451	<5	9	30
2014 Anemia	1 (****)	1 (****)	5 (15.2)	38 (8.4)	0	1 (****)	1 (3.3)
2013 Total	8	17	33	435	<5	6	27
2013 Anemia	0	3 (****)	4 (12.1)	28 (6.4)	0	1 (****)	0
2012 Total	11	23	30	496	6	6	37
2012 Anemia	0	4 (****)	5 (16.7)	31 (6.2)	0	1 (****)	1 (2.7)
2011 Total	15	22	45	545	6	<5	33
2011 Anemia	0	1 (****)	3 (6.7)	23 (4.2)	1 (****)	0	0

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

City ¹	Amer Indian AOIC NH	Asian AOIC NH ²	Black/ African- Amer AOIC NH ³	White AOIC NH	American Indian AOIC H	Other AOIC H ⁴	White AOIC H
STEARNS: SAINT CLOUD							
2019 Total	28	42	1,556	581	6	24	105
2019 Anemia	0	2 (4.8)	214 (13.8)	37 (6.4)	0	1 (****)	10 (9.5)
2018 Total	30	46	1,566	607	10	28	106
2018 Anemia	2 (6.7)	3 (6.5)	228 (14.6)	40 (6.6)	0	4 (****)	7 (6.6)
2017 Total	27	47	1,459	628	12	27	118
2017 Anemia	5 (****)	4 (8.5)	223 (15.3)	58 (9.2)	2 (****)	2 (****)	9 (7.6)
2016 Total	25	46	1,285	694	11	18	103
2016 Anemia	2 (****)	4 (8.7)	189 (14.7)	64 (9.2)	3 (****)	3 (****)	13 (12.6)
2015 Total	27	42	1,067	715	7	17	84
2015 Anemia	4 (****)	6 (14.3)	172 (16.1)	86 (12.0)	0	1 (****)	8 (9.5)
2014 Total	33	54	916	761	10	23	99
2014 Anemia	6 (18.2)	10 (18.5)	129 (14.1)	77 (10.1)	1 (****)	0	13 (13.1)
2013 Total	31	51	783	794	14	21	86
2013 Anemia	5 (16.1)	6 (11.8)	77 (9.8)	63 (7.9)	1 (****)	0	7 (8.1)
2012 Total	34	57	699	848	10	13	92
2012 Anemia	1 (2.9)	4 (7.0)	65 (9.3)	53 (6.2)	1 (****)	3 (****)	7 (7.6)
2011 Total	30	65	637	880	13	12	93
2011 Anemia	4 (13.3)	5 (7.7)	50 (7.8)	63 (7.2)	3 (****)	1 (****)	6 (6.5)

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

City ¹	Amer Indian AOIC NH	Asian AOIC NH ²	Black/ African- Amer AOIC NH ³	White AOIC NH	American Indian AOIC H	Other AOIC H ⁴	White AOIC H
STEARNS: SARTELL/ SAUK RAPIDS/ SAUK CENTER							
2019 Total	14	13	62	344	6	7	39
2019 Anemia	3 (****)	2 (****)	4 (6.5)	28 (8.1)	2 (****)	1 (****)	5 (12.8)
2018 Total	13	18	55	345	<5	<5	46
2018 Anemia	2 (****)	6 (****)	11 (20.0)	30 (8.7)	0	0	4 (8.7)
2017 Total	16	26	58	383	5	<5	43
2017 Anemia	2 (****)	2 (****)	9 (15.5)	37 (9.7)	1 (****)	0	4 (9.3)
2016 Total	10	25	67	410	6	<5	52
2016 Anemia	2 (****)	3 (****)	15 (22.4)	34 (8.3)	0	0	4 (7.7)
2015 Total	18	22	79	434	5	<5	48
2015 Anemia	0	0	5 (6.3)	25 (5.8)	0	0	1 (2.1)
2014 Total	14	23	60	449	5	<5	72
2014 Anemia	2 (****)	4 (****)	9 (15.0)	39 (8.7)	0	0	8 (11.1)
2013 Total	11	19	50	455	<5	<5	46
2013 Anemia	1 (****)	0	6 (12.0)	34 (7.5)	0	0	0
2012 Total	10	19	54	485	<5	<5	56
2012 Anemia	0	1 (****)	7 (13.0)	33 (6.8)	0	0	4 (7.1)
2011 Total	14	21	63	536	7	<5	71
2011 Anemia	0	2 (****)	9 (14.3)	32 (6.0)	1 (****)	0	4 (5.6)

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

City ¹	Amer Indian AOIC NH	Asian AOIC NH ²	Black/ African- Amer AOIC NH ³	White AOIC NH	American Indian AOIC H	Other AOIC H ⁴	White AOIC H
STEARNS: ST. JOSEPH/WAITE PARK							
2019 Total	<5	10	403	112	<5	5	30
2019 Anemia	0	1 (***)	52 (12.9)	11 (9.8)	0	1 (***)	3 (10.0)
2018 Total	<5	9	358	106	<5	<5	34
2018 Anemia	0	0	58 (16.2)	10 (9.4)	0	1 (***)	3 (8.8)
2017 Total	11	14	335	134	<5	<5	37
2017 Anemia	3 (***)	1 (***)	51 (15.2)	11 (8.2)	0	0	8 (21.6)
2016 Total	5	8	302	127	<5	7	40
2016 Anemia	0	3 (***)	39 (12.9)	13 (10.2)	0	2 (***)	7 (17.5)
2015 Total	<5	9	233	160	<5	<5	41
2015 Anemia	0	0	47 (20.2)	10 (6.2)	0	0	7 (17.1)
2014 Total	<5	10	189	168	<5	0	26
2014 Anemia	0	2 (***)	31 (16.4)	20 (11.9)	0	0	0
2013 Total	<5	9	136	170	<5	<5	31
2013 Anemia	0	0	14 (10.3)	14 (8.2)	0	0	3 (9.7)
2012 Total	6	7	109	212	0	<5	33
2012 Anemia	1 (***)	0	7 (6.4)	14 (6.6)	0	0	3 (9.1)
2011 Total	<5	6	106	217	<5	<5	47
2011 Anemia	1 (***)	0	6 (5.7)	14 (6.5)	0	0	1 (2.1)

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

City ¹	Amer Indian AOIC NH	Asian AOIC NH ²	Black/ African- Amer AOIC NH ³	White AOIC NH	American Indian AOIC H	Other AOIC H ⁴	White AOIC H
STEELE: OWATONNA							
2019 Total	<5	13	146	235	<5	10	143
2019 Anemia	0	3 (****)	24 (16.4)	25 (10.6)	1 (****)	1 (****)	15 (10.5)
2018 Total	5	19	154	231	5	8	144
2018 Anemia	0	0	10 (6.5)	7 (3.0)	0	0	2 (1.4)
2017 Total	<5	22	157	252	<5	11	150
2017 Anemia	0	0	8 (5.1)	10 (4.0)	0	0	3 (2.0)
2016 Total	8	19	150	326	6	8	179
2016 Anemia	1 (****)	0	20 (13.3)	22 (6.7)	0	1 (****)	7 (3.9)
2015 Total	7	11	161	321	<5	9	170
2015 Anemia	0	2 (****)	24 (14.9)	26 (8.1)	0	1 (****)	18 (10.6)
2014 Total	12	8	164	341	5	10	170
2014 Anemia	1 (****)	0	20 (12.2)	16 (4.7)	0	2 (****)	7 (4.1)
2013 Total	15	7	168	396	8	8	176
2013 Anemia	0	0	13 (7.7)	15 (3.8)	0	2 (****)	11 (6.2)
2012 Total	13	11	160	414	9	9	176
2012 Anemia	0	0	7 (4.4)	12 (2.9)	0	1 (****)	4 (2.3)
2011 Total	12	13	172	474	15	8	190
2011 Anemia	0	0	11 (6.4)	21 (4.4)	1 (****)	0	7 (3.7)

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

City ¹	Amer Indian AOIC NH	Asian AOIC NH ²	Black/ African- Amer AOIC NH ³	White AOIC NH	American Indian AOIC H	Other AOIC H ⁴	White AOIC H
SOUTHWEST: MARSHALL							
2019 Total	5	89	114	179	<5	9	146
2019 Anemia	2 (****)	11 (12.4)	11 (9.6)	7 (3.9)	0	2 (****)	5 (3.4)
2018 Total	<5	82	112	184	<5	12	152
2018 Anemia	1 (****)	10 (12.2)	12 (10.7)	7 (3.8)	0	1 (****)	4 (2.6)
2017 Total	5	87	110	165	5	14	139
2017 Anemia	2 (****)	3 (3.4)	17 (15.5)	7 (4.2)	0	2 (****)	10 (7.2)
2016 Total	<5	73	131	197	5	9	128
2016 Anemia	0	8 (11.0)	4 (3.1)	6 (3.0)	0	0	7 (5.5)
2015 Total	<5	63	130	200	6	7	128
2015 Anemia	0	10 (15.9)	9 (6.9)	8 (4.0)	0	1 (****)	5 (3.9)
2014 Total	5	37	104	177	<5	<5	106
2014 Anemia	0	2 (5.4)	5 (4.8)	2 (1.1)	0	1 (****)	9 (8.5)
2013 Total	5	35	96	209	<5	<5	122
2013 Anemia	1 (****)	3 (8.6)	9 (9.4)	10 (4.8)	0	0	7 (5.7)
2012 Total	<5	26	86	220	<5	<5	135
2012 Anemia	0	2 (****)	7 (8.1)	10 (4.5)	0	0	8 (5.9)
2011 Total	<5	27	81	214	<5	<5	146
2011 Anemia	0	2 (****)	6 (7.4)	9 (4.2)	0	0	3 (2.1)

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

City ¹	Amer Indian AOIC NH	Asian AOIC NH ²	Black/ African- Amer AOIC NH ³	White AOIC NH	American Indian AOIC H	Other AOIC H ⁴	White AOIC H
WASHINGTON: COTTAGE GROVE/ ST. PAUL PARK							
2019 Total	8	58	102	234	9	9	47
2019 Anemia	1 (****)	10 (17.2)	17 (16.7)	15 (6.4)	1 (****)	1 (****)	5 (10.6)
2018 Total	7	65	97	269	7	11	43
2018 Anemia	1 (****)	7 (10.8)	15 (15.5)	24 (8.9)	1 (****)	1 (****)	4 (9.3)
2017 Total	8	66	94	261	6	19	55
2017 Anemia	1 (****)	2 (3.0)	18 (19.1)	28 (10.7)	0	3 (****)	3 (5.5)
2016 Total	7	74	104	270	8	20	67
2016 Anemia	1 (****)	2 (2.7)	9 (8.7)	26 (9.6)	0	3 (****)	2 (3.0)
2015 Total	8	69	103	290	19	16	70
2015 Anemia	2 (****)	7 (10.1)	14 (13.6)	31 (10.7)	4 (****)	4 (****)	8 (11.4)
2014 Total	9	72	110	315	12	11	71
2014 Anemia	1 (****)	3 (4.2)	16 (14.5)	15 (4.8)	0	0	2 (2.8)
2013 Total	12	61	126	349	19	16	68
2013 Anemia	1 (****)	6 (9.8)	18 (14.3)	18 (5.2)	1 (****)	2 (****)	6 (8.8)
2012 Total	12	65	111	369	23	16	64
2012 Anemia	0	5 (7.7)	14 (12.6)	28 (7.6)	2 (****)	1 (****)	4 (6.2)
2011 Total	18	63	116	349	26	16	69
2011 Anemia	2 (****)	4 (6.3)	12 (10.3)	21 (6.0)	4 (****)	2 (****)	7 (10.1)

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

City ¹	Amer Indian AOIC NH	Asian AOIC NH ²	Black/ African- Amer AOIC NH ³	White AOIC NH	American Indian AOIC H	Other AOIC H ⁴	White AOIC H
WASHINGTON: FOREST LAKE/HUGO							
2019 Total	14	23	45	200	<5	<5	9
2019 Anemia	2 (****)	1 (****)	6 (13.3)	18 (9.0)	0	0	0
2018 Total	11	15	40	167	<5	<5	15
2018 Anemia	1 (****)	2 (****)	5 (12.5)	13 (7.8)	0	1 (****)	2 (****)
2017 Total	7	16	34	190	<5	<5	25
2017 Anemia	1 (****)	0	5 (14.7)	22 (11.6)	1 (****)	1 (****)	4 (****)
2016 Total	<5	21	33	223	<5	<5	21
2016 Anemia	0	3 (****)	1 (3.0)	15 (6.7)	0	1 (****)	3 (****)
2015 Total	9	30	51	257	<5	<5	23
2015 Anemia	1 (****)	1 (3.3)	5 (9.8)	13 (5.1)	0	0	1 (****)
2014 Total	9	27	51	277	<5	<5	33
2014 Anemia	2 (****)	1 (****)	2 (3.9)	17 (6.1)	0	0	1 (3.0)
2013 Total	10	26	37	289	5	<5	38
2013 Anemia	1 (****)	1 (****)	1 (2.7)	17 (5.9)	0	0	3 (7.9)
2012 Total	11	23	37	302	<5	<5	28
2012 Anemia	1 (****)	2 (****)	8 (21.6)	16 (5.3)	0	0	0
2011 Total	11	26	38	338	6	<5	35
2011 Anemia	0	0	4 (10.5)	19 (5.6)	1 (****)	0	2 (5.7)

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

City ¹	Amer Indian AOIC NH	Asian AOIC NH ²	Black/ African- Amer AOIC NH ³	White AOIC NH	American Indian AOIC H	Other AOIC H ⁴	White AOIC H
WASHINGTON: OAKDALE							
2019 Total	<5	89	136	182	6	6	25
2019 Anemia	0	6 (6.7)	24 (17.6)	15 (8.2)	1 (****)	1 (****)	2 (****)
2018 Total	<5	102	131	169	5	7	31
2018 Anemia	0	7 (6.9)	23 (17.6)	15 (8.9)	0	0	5 (16.1)
2017 Total	8	86	143	189	<5	8	28
2017 Anemia	0	13 (15.1)	21 (14.7)	32 (16.9)	1 (****)	0	1 (****)
2016 Total	8	93	148	184	6	10	36
2016 Anemia	0	12 (12.9)	26 (17.6)	17 (9.2)	0	0	3 (8.3)
2015 Total	12	102	167	199	6	12	40
2015 Anemia	1 (****)	9 (8.8)	28 (16.8)	18 (9.0)	1 (****)	0	5 (12.5)
2014 Total	11	96	150	218	9	13	43
2014 Anemia	1 (****)	8 (8.3)	15 (10.0)	18 (8.3)	0	0	0
2013 Total	12	92	150	211	10	10	44
2013 Anemia	1 (****)	8 (8.7)	22 (14.7)	17 (8.1)	0	1 (****)	3 (6.8)
2012 Total	18	111	164	216	13	13	45
2012 Anemia	4 (****)	3 (2.7)	25 (15.2)	11 (5.1)	1 (****)	0	0
2011 Total	15	105	173	225	21	12	46
2011 Anemia	2 (****)	8 (7.6)	28 (16.2)	13 (5.8)	2 (****)	0	3 (6.5)

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

City ¹	Amer Indian AOIC NH	Asian AOIC NH ²	Black/ African- Amer AOIC NH ³	White AOIC NH	American Indian AOIC H	Other AOIC H ⁴	White AOIC H
WASHINGTON: LAKE ELMO/ MAHTOMEDI/ STILLWATER							
2019 Total	<5	24	29	149	<5	7	33
2019 Anemia	1 (****)	3 (****)	6 (****)	15 (10.1)	0	2 (****)	5 (15.2)
2018 Total	<5	25	32	131	<5	7	34
2018 Anemia	0	0	6 (18.8)	11 (8.4)	0	2 (****)	4 (11.8)
2017 Total	<5	12	44	149	<5	<5	27
2017 Anemia	0	3 (****)	6 (13.6)	19 (12.8)	0	1 (****)	2 (****)
2016 Total	6	9	44	172	<5	5	36
2016 Anemia	0	2 (****)	5 (11.4)	21 (12.2)	2 (****)	0	5 (13.9)
2015 Total	8	13	42	180	<5	8	44
2015 Anemia	1 (****)	0	6 (14.3)	13 (7.2)	1 (****)	1 (****)	6 (13.6)
2014 Total	7	19	51	156	5	6	48
2014 Anemia	1 (****)	1 (****)	8 (15.7)	13 (8.3)	0	1 (****)	7 (14.6)
2013 Total	5	16	52	190	7	<5	48
2013 Anemia	1 (****)	1 (****)	5 (9.6)	9 (4.7)	0	0	4 (8.3)
2012 Total	8	16	55	216	10	5	44
2012 Anemia	1 (****)	0	8 (14.5)	20 (9.3)	1 (****)	0	4 (9.1)
2011 Total	14	12	50	233	9	5	38
2011 Anemia	4 (****)	5 (****)	2 (4.0)	19 (8.2)	0	0	1 (2.6)

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

City ¹	Amer Indian AOIC NH	Asian AOIC NH ²	Black/ African- Amer AOIC NH ³	White AOIC NH	American Indian AOIC H	Other AOIC H ⁴	White AOIC H
WASHINGTON: NEWPORT/ WOODBURY							
2019 Total	9	56	143	210	5	5	30
2019 Anemia	2 (****)	6 (10.7)	15 (10.5)	13 (6.2)	0	1 (****)	4 (13.3)
2018 Total	8	63	160	202	<5	6	39
2018 Anemia	2 (****)	9 (14.3)	26 (16.2)	31 (15.3)	0	1 (****)	4 (10.3)
2017 Total	5	69	181	226	6	17	44
2017 Anemia	1 (****)	8 (11.6)	23 (12.7)	17 (7.5)	0	1 (****)	2 (4.5)
2016 Total	9	65	164	202	7	17	44
2016 Anemia	0	7 (10.8)	25 (15.2)	15 (7.4)	0	2 (****)	4 (9.1)
2015 Total	13	77	202	230	9	21	46
2015 Anemia	0	9 (11.7)	26 (12.9)	23 (10.0)	2 (****)	1 (****)	3 (6.5)
2014 Total	16	72	207	231	14	22	51
2014 Anemia	0	4 (5.6)	17 (8.2)	8 (3.5)	2 (****)	1 (****)	1 (2.0)
2013 Total	12	70	211	247	14	15	51
2013 Anemia	1 (****)	4 (5.7)	25 (11.8)	16 (6.5)	1 (****)	1 (****)	4 (7.8)
2012 Total	11	67	226	289	9	16	62
2012 Anemia	1 (****)	4 (6.0)	31 (13.7)	24 (8.3)	0	2 (****)	5 (8.1)
2011 Total	13	76	236	280	15	10	58
2011 Anemia	3 (****)	7 (9.2)	30 (12.7)	14 (5.0)	1 (****)	2 (****)	4 (6.9)

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

City ¹	Amer Indian AOIC NH	Asian AOIC NH ²	Black/ African- Amer AOIC NH ³	White AOIC NH	American Indian AOIC H	Other AOIC H ⁴	White AOIC H
WINONA: WINONA							
2019 Total	<5	17	62	213	0	0	21
2019 Anemia	0	4 (****)	16 (25.8)	31 (14.6)	0	0	2 (****)
2018 Total	<5	16	60	209	0	<5	23
2018 Anemia	0	5 (****)	12 (20.0)	32 (15.3)	0	0	4 (****)
2017 Total	<5	18	53	233	0	<5	24
2017 Anemia	0	2 (****)	16 (30.2)	49 (21.0)	0	1 (****)	4 (****)
2016 Total	<5	17	65	275	<5	<5	23
2016 Anemia	0	3 (****)	21 (32.3)	54 (19.6)	0	0	8 (****)
2015 Total	<5	18	62	289	<5	<5	21
2015 Anemia	0	2 (****)	23 (37.1)	58 (20.1)	0	0	7 (****)
2014 Total	<5	19	52	306	0	<5	30
2014 Anemia	0	0	12 (23.1)	53 (17.3)	0	0	8 (26.7)
2013 Total	<5	17	59	345	<5	0	18
2013 Anemia	1 (****)	3 (****)	17 (28.8)	56 (16.2)	0	0	0
2012 Total	0	20	58	340	<5	0	15
2012 Anemia	0	3 (****)	14 (24.1)	53 (15.6)	0	0	1 (****)
2011 Total	0	27	49	357	7	0	22
2011 Anemia	0	1 (****)	7 (14.3)	49 (13.7)	0	0	2 (****)

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

City ¹	Amer Indian AOIC NH	Asian AOIC NH ²	Black/ African- Amer AOIC NH ³	White AOIC NH	American Indian AOIC H	Other AOIC H ⁴	White AOIC H
WRIGHT: BUFFALO/ ST. MICHAEL							
2019 Total	7	19	48	265	<5	6	38
2019 Anemia	1 (****)	4 (****)	6 (12.5)	37 (14.0)	1 (****)	1 (****)	5 (13.2)
2018 Total	11	22	42	251	<5	<5	38
2018 Anemia	1 (****)	1 (****)	9 (21.4)	28 (11.2)	1 (****)	2 (****)	5 (13.2)
2017 Total	10	19	48	280	8	5	38
2017 Anemia	0	2 (****)	3 (6.2)	35 (12.5)	2 (****)	3 (****)	9 (23.7)
2016 Total	7	16	43	266	10	<5	31
2016 Anemia	1 (****)	2 (****)	7 (16.3)	20 (7.5)	0	0	3 (9.7)
2015 Total	7	12	35	295	10	5	27
2015 Anemia	0	2 (****)	3 (8.6)	30 (10.2)	0	1 (****)	1 (****)
2014 Total	11	26	41	300	14	<5	35
2014 Anemia	0	3 (****)	4 (9.8)	15 (5.0)	0	0	2 (5.7)
2013 Total	7	16	43	347	14	<5	39
2013 Anemia	0	4 (****)	4 (9.3)	21 (6.1)	0	0	4 (10.3)
2012 Total	6	15	62	377	16	<5	37
2012 Anemia	0	3 (****)	9 (14.5)	26 (6.9)	1 (****)	0	3 (8.1)
2011 Total	12	26	47	393	23	5	42
2011 Anemia	1 (****)	3 (****)	10 (21.3)	33 (8.4)	2 (****)	0	3 (7.1)

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

City ¹	Amer Indian AOIC NH	Asian AOIC NH ²	Black/ African- Amer AOIC NH ³	White AOIC NH	American Indian AOIC H	Other AOIC H ⁴	White AOIC H
WRIGHT: MONTICELLO/ OTSEGO							
2019 Total	7	7	53	273	12	6	48
2019 Anemia	0	0	13 (24.5)	27 (9.9)	4 (****)	2 (****)	11 (22.9)
2018 Total	10	10	43	284	20	7	63
2018 Anemia	0	2 (****)	9 (20.9)	41 (14.4)	2 (****)	0	9 (14.3)
2017 Total	6	14	36	294	13	6	57
2017 Anemia	1 (****)	1 (****)	7 (19.4)	31 (10.5)	0	0	9 (15.8)
2016 Total	13	13	40	295	22	8	59
2016 Anemia	1 (****)	3 (****)	6 (15.0)	32 (10.8)	2 (****)	0	5 (8.5)
2015 Total	11	12	33	309	22	8	50
2015 Anemia	0	1 (****)	4 (12.1)	24 (7.8)	2 (****)	0	6 (12.0)
2014 Total	14	16	33	337	28	9	51
2014 Anemia	1 (****)	0	2 (6.1)	18 (5.3)	2 (****)	0	2 (3.9)
2013 Total	17	18	45	347	32	9	57
2013 Anemia	2 (****)	2 (****)	5 (11.1)	20 (5.8)	1 (3.1)	1 (****)	2 (3.5)
2012 Total	11	14	37	339	35	7	52
2012 Anemia	0	5 (****)	5 (13.5)	23 (6.8)	0	0	1 (1.9)
2011 Total	11	18	48	389	35	<5	50
2011 Anemia	1 (****)	2 (****)	10 (20.8)	24 (6.2)	4 (11.4)	0	6 (12.0)

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

City ¹	Amer Indian AOIC NH	Asian AOIC NH ²	Black/ African- Amer AOIC NH ³	White AOIC NH	American Indian AOIC H	Other AOIC H ⁴	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

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

² Includes Asian, Asian Pacific Islander and Native Hawaiian participants

³ Includes both African-Americans and African participants

⁴ Includes Black/African-American and Asian participations

⁵ 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.