

**Statewide Trend Data**  
**Obesity and Overweight Status in Black Children ages 2 to 5 Years of Age**  
**Participating in MN WIC by Year and Cultural Identity**  
Minnesota WIC Information System

Calendar Year	African American Total	African American # (%)	Ethio-pian Total	Ethiopian # (%)	Kenyan	Kenyan # (%)	Liber-ian Total	Liberian # (%)	Oromo Total	Oromo # (%)	Somali Total	Somali # (%)	Sudan-ese Total	Sudanese # (%)
<b>Overweight<sup>1</sup></b>														
2019	3,837	592 (15.4)	1,004	159 (15.8)	287	33 (11.5)	579	90 (15.5)	339	63 (18.6)	5,083	612 (12.0)	124	15 (12.1)
2018	4,120	631 (15.3)	1,021	173 (16.9)	268	30 (11.2)	629	86 (13.7)	276	36 (13.0)	5,273	658 (12.5)	135	17 (12.6)
2017	4,463	673 (15.1)	1,028	164 (16.0)	239	39 (16.3)	610	118 (19.3)	210	33 (15.7)	4,954	605 (12.2)	143	14 (9.8)
2016	3,966	598 (15.1)	855	133 (15.6)	185	32 (17.3)	520	76 (14.6)	144	20 (13.9)	4,041	499 (12.3)	126	7 (5.6)
<b>Obese<sup>2</sup></b>														
2019	3,837	428 (11.2)	1,004	156 (15.5)	287	29 (10.1)	579	98 (16.5)	339	44 (13.0)	5,083	545 (10.7)	124	9 (7.3)
2018	4,120	488 (11.8)	1,021	155 (15.1)	268	29 (10.8)	629	87 (13.8)	276	37 (13.4)	5,273	536 (10.2)	135	10 (7.4)
2017	4,463	513 (11.5)	1,028	179 (17.4)	239	29 (12.1)	610	54 (8.9)	210	26 (12.4)	4,954	527 (10.6)	143	6 (4.2)
2016	3,966	443 (11.2)	855	117 (13.7)	185	17 (9.2)	520	66 (12.7)	144	18 (12.5)	4,041	341 (8.4)	126	5 (4.0)
<b>Overweight and Obese<sup>3</sup></b>														
2019	3,837	1,020 (26.6)	1,004	315 (31.4)	287	62 (21.6)	579	188 (32.5)	339	107 (31.6)	5,083	1,157 (22.8)	124	24 (19.4)
2018	4,120	1,119 (27.2)	1,021	378 (31.2)	268	59 (22.0)	629	173 (27.5)	276	73 (26.4)	5,273	1,194 (22.6)	135	27 (20.0)
2017	4,463	1,186 (26.6)	1,028	343 (33.4)	239	68 (28.5)	610	190 (31.1)	210	59 (28.1)	4,954	1,132 (22.9)	143	20 (14.0)
2016	3,966	1,041 (26.2)	855	250 (29.2)	185	49 (26.5)	520	142 (27.3)	144	38 (26.4)	4,041	840 (20.8)	126	12 (9.5)

All percentile data were taken from the 2000 CDC Growth Charts. Total children ages 2 to 5 years with weight status information. Analyses based on one randomly selected record per child. Excludes records with unknown data or errors. Biologically implausible values (BIV) for weight, height and BMI at a z scores <±5 were removed, for years 2011 to 2016. For 2017 and 2018, BIV was defined for weight z score <-5 and >8; height z score <-5 and >4; BMI z score <-4 and >8. <https://www.cdc.gov/nccdphp/dnpao/growthcharts/resources/sas.htm>

Information on cultural identity was obtained from self-report to WIC (for 60% of infants) or (for 40% of infants) from race (Hmong, KaREN, Laotian, Somali, Liberian, Ethiopian, etc.) or mother’s country of birth as reported on the birth certificate.

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<sup>1</sup> BMI for age  $\geq$  85th percentile and  $<$  95th percentile

<sup>2</sup> BMI for age  $\geq$  95th percentile

<sup>3</sup> BMI for age  $\geq$  85th percentile