

Weight Status by Year in Minnesota WIC Children Ages 2 up to 5 years

Year ¹	Total ²	Underweight ³	Normal Weight ⁴	Overweight ⁵	Obese ⁶	Obese or Overweight ⁷
2019	52,955	3.6 [3.5, 3.8]	67.5 [67.1, 67.9]	15.7 [15.4, 16.0]	13.2 [12.9, 13.4]	28.8 [28.5, 29.2]
2018	59,971	3.7 [3.6, 3.9]	67.6 [67.2, 67.9]	15.9 [15.6, 16.2]	12.9 [12.6, 13.1]	28.7 [28.4, 29.1]
2017	59,847	3.1 [2.9, 3.2]	68.1 [67.7, 68.4]	15.8 [15.6, 16.1]	13.0 [12.7, 13.2]	28.8 [28.5, 29.2]
2016	62,644	3.7 [3.6, 3.9]	67.7 [67.3, 68.0]	16.0 [15.7, 16.3]	12.6 [12.4, 12.9]	28.6 [28.3, 29.0]
2015	64,809	3.8 [3.6, 3.9]	68.3 [68.0, 68.7]	15.7 [15.4, 16.0]	12.2 [11.9, 12.4]	27.9 [27.6, 28.3]
2014	62,749	3.9 [3.8, 4.1]	68.6 [68.3, 69.0]	14.9 [14.6, 15.2]	12.6 [12.3, 12.8]	27.5 [27.1, 27.8]
2013	65,911	3.4 [3.3, 3.5]	67.7 [67.4, 68.1]	15.8 [15.5, 16.1]	13.1 [12.8, 13.4]	28.9 [28.5, 29.2]
2012	70,114	2.8 [2.7, 2.9]	68.5 [68.2, 68.9]	16.0 [15.7, 16.3]	12.7 [12.5, 13.0]	28.7 [28.4, 29.1]
2011	71,873	2.7 [2.6, 2.8]	68.2 [67.9, 68.6]	16.4 [16.1, 16.7]	12.7 [12.5, 13.0]	29.1 [28.8, 29.4]
2010	68,594	2.8 [2.6, 2.9]	68.1 [67.8, 68.5]	16.4 [16.1, 16.7]	12.7 [12.5, 13.0]	29.1 [28.8, 29.4]
2009	68,997	2.5 [2.4, 2.6]	67.6 [67.3, 68.0]	16.8 [16.5, 17.1]	13.1 [12.9, 13.4]	29.9 [29.6, 30.2]
2008	65,607	2.6 [2.5, 2.7]	67.0 [66.7, 67.4]	17.0 [16.7, 17.3]	13.4 [13.1, 13.7]	30.4 [30.1, 30.8]
2007	61,109	2.8 [2.6, 2.9]	67.3 [67.0, 67.7]	16.6 [16.3, 16.9]	13.3 [13.0, 13.6]	29.9 [29.5, 30.3]
2006	57,609	2.9 [2.8, 3.1]	67.5 [67.1, 67.8]	16.5 [16.2, 16.8]	13.1 [12.8, 13.4]	29.6 [29.2, 30.0]
2005	56,307	2.8 [2.7, 3.0]	67.5 [67.1, 67.9]	16.4 [16.1, 16.7]	13.3 [13.0, 13.6]	29.7 [29.3, 30.1]
2004	49,378	2.8 [2.7, 3.0]	66.5 [66.1, 66.7]	16.9 [16.6, 17.2]	13.8 [13.5, 14.1]	30.7 [30.3, 31.1]
2003	40,161	3.1 [3.0, 3.3]	67.8 [67.3, 68.2]	15.9 [15.6, 16.3]	13.2 [12.9, 13.5]	29.1 [28.7, 29.6]
2002	38,539	3.4 [3.2, 3.6]	67.6 [67.2, 68.1]	15.8 [15.4, 16.2]	13.2 [12.9, 13.5]	29.0 [28.6, 29.5]
2001	38,174	3.4 [3.2, 3.6]	67.9 [67.5, 68.4]	15.7 [15.3, 16.1]	13.0 [12.7, 13.3]	28.7 [28.3, 29.2]
2000	37,433	3.5 [3.3, 3.7]	67.7 [67.3, 68.2]	15.8 [15.4, 16.2]	13.0 [12.6, 13.3]	28.8 [28.3, 29.3]

Percent [95% Confidence Interval] Confidence intervals that do not overlap between two comparison years are statistically significant.

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

1 Reporting period is January 1 through December 31.

2 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 score ± 5 removed, which is consistent with

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previous MN WIC reports for years 2011 to 2016. Starting in 2017, BIV were defined for weight-for-age z score as <-5 or >8 ; height-for-age z score as <-5 or >4 ; and BMI z score as <-4 or >8 . <https://www.cdc.gov/nccdphp/dnpao/growthcharts/resources/sas.htm> These methodologies excluded $<1\%$ of all records.

³ BMI for age < 5 th percentile

⁴ BMI for age ≥ 5 th percentile and < 85 th percentile

⁵ BMI for age ≥ 85 th percentile and < 95 th percentile

⁶ BMI for age ≥ 95 th percentile

⁷ BMI for age ≥ 85 th percentile