



BMI DATA ANALYSIS BY WATERBURY SCHOOL NURSES, 2013-14 & 2014-15



Lois Mulhern, RN BSN NCSN, School Health Coordinator
CITY OF WATERBURY - DEPARTMENT OF PUBLIC HEALTH

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Overview

The BMI data was collected by the Waterbury School Nurses through chart review and active investigation with providers. The role of the school nurse cannot be underestimated as we move toward fulfilling the goals of the Greater Waterbury Health Improvement Partnership with regard to reducing obesity in our City.

School nurses in Waterbury use the nursing process to render care to 23,000 students on a daily basis. School nurses assessed 197,500 students in 2015-2016. They administered 87,000 medications, tube feedings and catheterizations, as they assist educators in keeping kids safe, healthy and ready to learn.

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	UNDERWEIGHT* (< 5 th percentile)	HEALTHY WEIGHT* (5 th - 84.9 percentile)	OVERWEIGHT* (85 th - 94.9 percentile)	OBESE* (95% + percentile)	NO INFO AVAILABLE
TOTAL				c. 17% of US children/ adolescents aged 2-19 are obese**	
School Year 2014-2015: 4,377***	155 (3%)	2,318 (53%)	782 (18%)	1,036 (24%)	86 (2%)
• Total Girls: 2,115	66 (3%)	1,114 (53%)	401 (19%)	494 (23%)	40 (2%)
• Total Boys: 2,262	89 (4%)	1,204 (53%)	381 (17%)	542 (24%)	46 (2%)
School Year 2013-2014: 2,729***	117 (4%)	1,547 (57%)	429 (16%)	636 (23%)	--
• Total Girls: 1,319	47 (4%)	745 (56%)	213 (16%)	314 (23%)	--
• Total Boys: 1,410	70 (5%)	802 (57%)	216 (15%)	322 (23%)	--

* CDC Division of Nutrition, Physical Activity, and Obesity online BMI Percentile Calculator for Child and Teen:

<http://nccd.cdc.gov/dnpabmi/Calculator.aspx>

** CDC Childhood Obesity Facts: Prevalence of Childhood Obesity in the United States, 2011-2012:

<http://www.cdc.gov/obesity/data/childhood.html>

*** Waterbury Health Department/School Nursing Division. Data derived from Health Assessment records.

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	UNDERWEIGHT* (<small>< 5th percentile</small>)	HEALTHY WEIGHT* (<small>5th - 84.9 percentile</small>)	OVERWEIGHT* (<small>85th – 94.9 percentile</small>)	OBESE* (<small>95% + percentile</small>)	NO INFO AVAILABLE
KINDERGARTEN				8.4% of US children aged 2-5 are obese**	
School Year 2014-2015: 1,550***	79 (5%)	926 (60%)	229 (14%)	306 (20%)	10 (1%)
• Total Girls: 738	35 (5%)	444 (60%)	113 (15%)	141 (19%)	5 (1%)
• Total Boys: 812	44 (6%)	482 (59%)	116 (14%)	165 (20%)	5 (1%)
School Year 2013-2014: 1,503***	76 (5%)	921 (61%)	211 (14%)	295 (20%)	--
• Total Girls: 730	26 (3%)	446 (61%)	100 (14%)	158 (22%)	--
• Total Boys: 773	50 (7%)	475 (61%)	111 (14%)	137 (18%)	--
SIXTH GRADE				17.7% of US children aged 6-11 are obese**	
School Year 2014-2015: 1,377***	39 (3%)	629 (46%)	277 (20%)	386 (28%)	46 (3%)
• Total Girls: 670	14 (2%)	309 (46%)	135 (20%)	188 (28%)	24 (4%)
• Total Boys: 707	25 (4%)	320 (45%)	142 (20%)	198 (28%)	22 (3%)
School Year 2013-2014: 744***	29 (4%)	359 (48%)	138 (19%)	218 (29%)	--
• Total Girls: 363	18 (5%)	166 (46%)	74 (20%)	105 (29%)	--
• Total Boys: 381	11 (3%)	193 (50%)	64 (17%)	113 (30%)	--
NINTH GRADE:				20.5% of US children/ adolescents aged 12-19 are obese**	
School Year 2014-2015: 1,450***	37 (2%)	736 (53%)	276 (19%)	344 (24%)	30 (2%)
• Total Girls: 707	17 (2%)	361 (51%)	153 (22%)	165 (23%)	11 (2%)
• Total Boys: 743	20 (3%)	402 (54%)	123 (17%)	179 (24%)	19 (2%)
School Year 2013-2014: 482***	12 (2%)	267 (55%)	80 (17%)	123 (26%)	--
• Total Girls: 226	3 (1%)	133 (59%)	39 (17%)	51 (23%)	--
• Total Boys: 256	9 (4%)	134 (52%)	41 (16%)	72 (28%)	--

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