

# **Results from the Body Mass Index Screening in Massachusetts Public School Districts, 2017**

## **July 2020**

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## **Introduction**

In April 2009, the Public Health Council unanimously approved a regulation requiring school systems to measure the height and weight of public school students in grades 1, 4, 7 and 10 and use those figures to calculate their Body Mass Index (BMI). BMI is a method of determining if a child has a healthy weight compared to other children of the same age and sex.

Being overweight, obese or underweight can put a person at risk for certain health problems. A student who is overweight or obese has an increased risk of developing serious conditions, including type 2 diabetes, heart disease, high blood pressure, and some cancers.<sup>1,2,3</sup> Childhood obesity is also associated with depression, particularly in females, and increased school absenteeism.<sup>4,5</sup> A student who is underweight has an increased risk of heart disease, hormonal dysfunction, loss of bone mass, and anemia.<sup>6,7,8,9</sup> Underweight may also be an indication of an eating disorder associated with anxiety and depression.<sup>7</sup> And both underweight and obesity are associated with increased risk of infection.<sup>10</sup> Helping children attain a healthy weight now, and stay at a healthy weight, may prevent serious illness later in life.

School nurses are responsible for overseeing the screening, notifying parents, ensuring privacy during screening, training of ancillary staff assisting with screening, recording results, and submitting aggregate data to DPH.

The goal of this report is to make these data widely available so that community leaders can used it for sound community planning, program development and public health monitoring.

## **Methods**

### **Definition of Body Mass Index**

The Body Mass Index (BMI) is a tool that can be useful in early identification of possible health risk factors among children and youth. BMI (weight divided by height squared) is used to judge whether an individual's weight is appropriate for their height. BMI calculation in children considers gender, age, height and weight. All of this information must be recorded accurately to determine BMI.

BMI is a health *screening* tool and not a diagnostic tool. It is used to screen for obesity, overweight, healthy weight, or underweight and is only one of the data

points used in a complete health assessment. Many other factors can influence a child's BMI, such as family history and muscularity. The BMI measure is plotted on BMI growth charts to reveal the child's percentile ranking, which indicates the relative position of the child's BMI among children of the same age and sex. The BMI-for-age percentile is used to interpret the BMI result because BMI is both age-and sex-specific for children and teens. These criteria are different from those used to interpret BMI for adults — which do not take into account age or sex. Age and sex are considered for children and teens for two reasons:

- The amount of body fat changes with age. (BMI for children and teens is often referred to as *BMI-for-age*.)
- The amount of body fat differs between girls and boys.

For example, a child may have a high BMI for age and sex, but to determine if this indicates a health problem, a health care provider would need to perform further assessments. These assessments might include skinfold thickness measurements, evaluations of diet, physical activity, family history, and other appropriate health screenings.

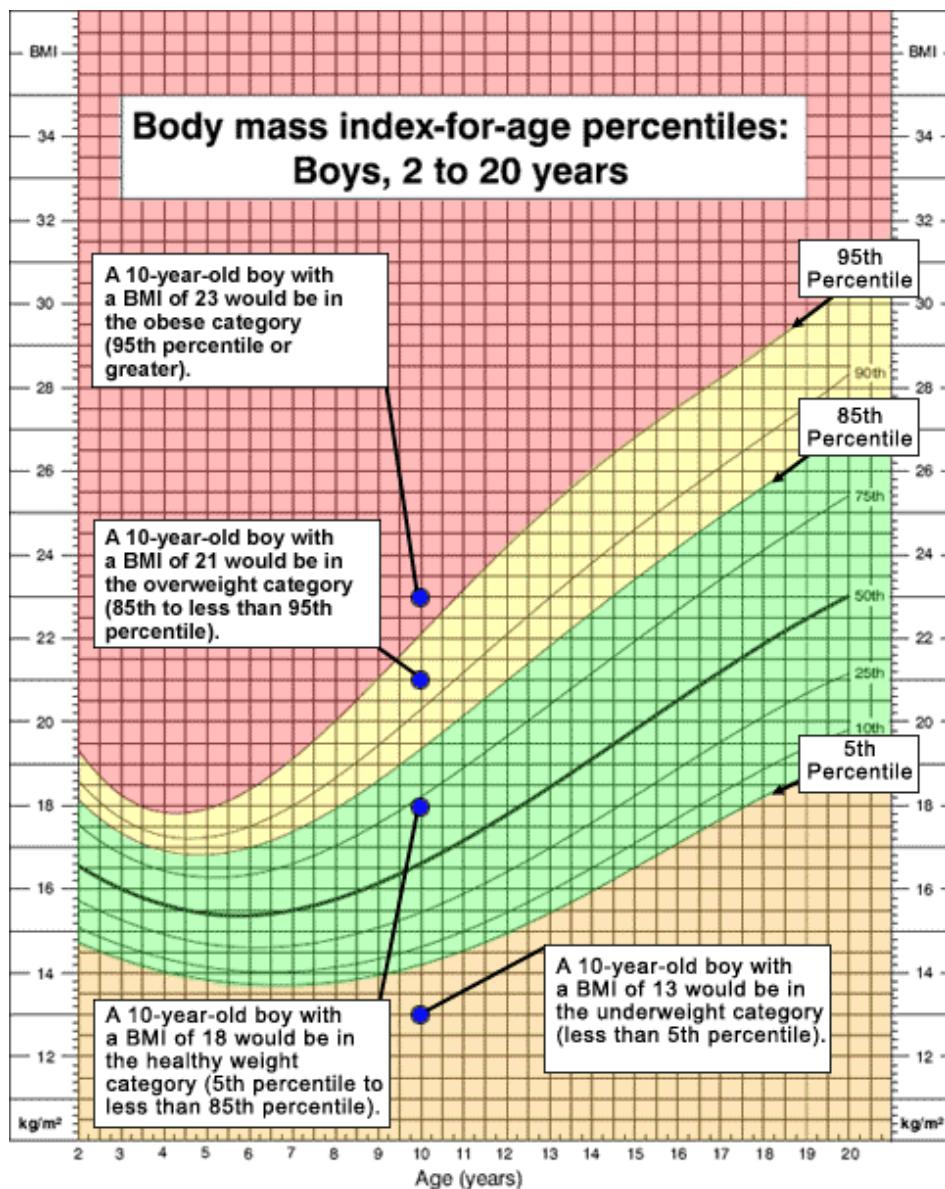
## BMI Screening Weight Categories

When the child's BMI percentile for age is less than the 5th percentile, the child is considered *underweight*. When the child's BMI for age percentile is between the 5<sup>th</sup> percentile and 85<sup>th</sup> percentile, that is considered a *healthy weight*. BMI for age percentiles greater than or equal to the 85<sup>th</sup> percentile but less than the 95<sup>th</sup> percentile are considered *overweight*. When a child's BMI for age percentile is equal to or greater than the 95<sup>th</sup> percentile, the child is considered *obese*. BMI-for-age weight status categories and the corresponding percentiles are shown in the following table:

<b>Weight Status Category</b>	<b>BMI for Age Percentile Range</b>
Underweight	Less than the 5 <sup>th</sup> percentile
Healthy weight	5 <sup>th</sup> percentile to less than the 85 <sup>th</sup> percentile
Overweight	85 <sup>th</sup> to less than the 95 <sup>th</sup> percentile
Obese	Equal to or greater than the 95 <sup>th</sup> percentile

See the following example of how BMI results would be interpreted for a 10-year-old boy, based on the BMI for age percentiles.

**Figure 1. CDC BMI-for-age growth chart.**



Available at: [http://www.cdc.gov/growthcharts/clinical\\_charts.htm](http://www.cdc.gov/growthcharts/clinical_charts.htm)

The tables in this report use the terms *Male* and *Female* to indicate sex assigned at birth, as this corresponds to the way BMI-for-age is defined. Those terms do not reflect gender identity. The phrase *Males and Females* includes all students without exception.

## Data Collection

School nurses perform height and weight measurements and record the information, often in an electronic health records system. Use of an electronic health records system with an embedded BMI calculator and a report generator reduces errors in data reporting. When height and weight are entered, the BMI percentile is automatically calculated. For schools where an electronic health records system is not available, DPH provides an Excel spreadsheet that calculates BMI percentiles and generates summary statistics.\* Alternatively, schools can use the BMI calculator available as a web application from the CDC or other websites. Schools lacking computer access can use a BMI wheel or BMI chart to determine BMI percentile. The BMI percentiles are calculated by each school nurse or by a data analyst employed by the district. This information is then gathered and tabulated into an aggregate district-wide report, and submitted to DPH using an online data collection tool.

## Data Quality

Initial assessment of data quality is performed at the school district level before the data is submitted to DPH. When the Nurse Leader and / or district data analyst assembles the data from each school, she reviews the data from each school and follows up on any unusual results.

A second level of data quality testing occurs at DPH. These data quality testing procedures include 1) assessing inconsistencies between the number of students reported screened and the student enrollment, 2) identifying statistically improbable results in the percentage of underweight, overweight and obese students for each grade and gender and 3) identifying unusual variations in overweight/obese percentages across a 5-year time span.

As a result of the data quality testing process, questions were raised about the accuracy of some or all of the data submitted by 24 districts. DPH contacted the 24 districts that had submitted questionable data and requested that they re-check their data and either provide corrected data or an explanation for the anomaly. Data that did not pass quality tests and could not be verified were excluded from the analysis.

Of the 24 districts:

- 5 districts confirmed their original data
- 13 submitted corrected data reports

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\* See [www.mass.gov/dph/fch/schoolhealth](http://www.mass.gov/dph/fch/schoolhealth). Search for *School Health Screening* to find the page with a downloadable Excel BMI calculator (Children's BMI Group Calculator).

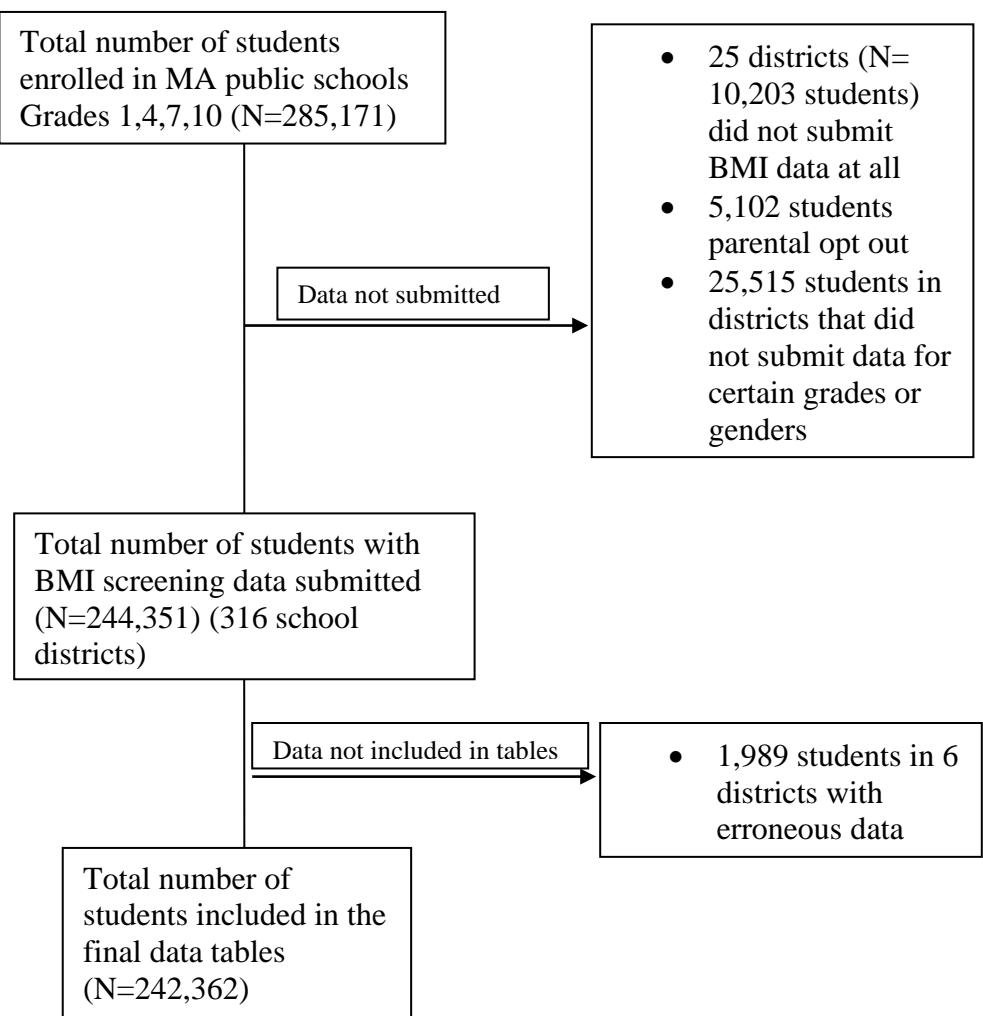
- 6 districts did not respond OR were unable to find/check their records OR unable to provide corrected/verified data in time for inclusion into this report.
  - All 6 districts had at least 1 grade of data that was still eligible to be reported (see Appendix Table 1 for names of the 6 districts)
  - A total of 1,989 students from these districts were excluded from the report due to data quality issues.

## Data Inclusion

A total of 316 public school districts and organizations submitted data. The organizational entities that submitted data include local public school districts, academic regional school districts, school unions, vocational-technical regional school districts, agricultural school districts, charter school districts, and educational collaboratives.

Twenty-five districts did not submit BMI data at all. See Appendix Table 1 for full list. Data from private schools were not included.

**Figure 2: Data inclusion flow chart**



## Limitations

BMI statistics at the local level may vary from year to year due to factors that do not reflect long term trends. Increases or decreases in any single year should be interpreted with caution. Short-term changes in BMI statistics may reflect a temporary change in the make-up of the student population in that district, screening of only part of the student population, or other short-term factors. Trends over longer time periods (5 to 6 years or more) are more meaningful than increases or decreases in any single year.

Within a school district, variations in the number of students screened in different years may indicate that there is missing data for one or more years, with one or more schools in the district not reporting. In years in which there is missing data the BMI statistics may not be representative of the district's student population. In years in which there is missing data, changes in BMI statistics from year to year may be misleading.

The accuracy of the BMI percentiles used in the statistics submitted to DPH depends on the accuracy of height and weight measurements and on use of proper procedures for calculating BMI percentiles from measured height and weight values. In districts using computer-based record-keeping systems, the accuracy of data reports also depends on the accurate retrieval and compilation of BMI statistics from those computer systems.

Measurements were taken in four grade levels and not from the entire student enrollment. Since overweight/obesity levels vary by age, the data in this report may not be generalizable to all Massachusetts public school students. However, it does provide information about the weight status for a large percentage of public school students in four grade levels that are equally spaced through elementary, middle, and high school.

Cases in which fewer than 10 students were screened are not reportable due to DPH data suppression rules and are noted in the tables with asterisks (\*). Rates in districts with a small number of screened students should be interpreted cautiously due to the instability of estimates when small numbers are involved.

## **BMI Tables**

**Table 1. Overweight or Obese Children in Grades 1, 4, 7, 10 in Massachusetts School Districts, 2016-2017**

School District	Total number of students screened (N)	Males			Females			Males and Females		
		Over-weight	Obese	Over-weight or Obese	Over-weight	Obese	Over-weight or Obese	Over-weight	Obese	Overweight or Obese (%, CI)
		(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%, CI)
<b>TOTAL</b>	<b>242,362</b>	<b>15.7</b>	<b>17.9</b>	<b>33.5</b>	<b>16.0</b>	<b>15.3</b>	<b>31.3</b>	<b>15.8</b>	<b>16.6</b>	<b>32.4</b> <b>(32.2-32.6)</b>
ABBY KELLEY FOSTER CS	354	17.9	31.0	48.8	18.8	21.5	40.3	18.4	26.0	44.4 <b>(39.2-49.5)</b>
ABINGTON	540	20.8	19.3	40.2	13.0	14.9	27.9	16.9	17.0	33.9 <b>(29.9-37.9)</b>
ACADEMY OF PACIFIC RIM CS	132	*	*	40.0	17.9	34.3	52.2	15.9	30.3	46.2 <b>(37.7-54.7)</b>
ACTON-BOXBOROUGH	1,480	11.0	9.3	20.3	11.2	5.2	16.3	11.1	7.3	18.4 <b>(16.4-20.4)</b>
ACUSHNET	79	*	*	37.2	*	*	44.4	16.5	24.1	40.5 <b>(29.7-51.3)</b>
ADAMS-CHESTERFIELD	335	23.9	17.8	41.7	19.8	15.7	35.5	21.8	16.7	38.5 <b>(33.3-43.7)</b>
ADVANCED MATH AND SCIENCE ACADEMY CS	273	13.8	11.4	25.2	14.0	7.3	21.3	13.9	9.2	23.1 <b>(18.1-28.1)</b>
ALMA DEL MAR CS	71	*	*	*	27.3	25.0	52.3	23.9	18.3	42.3 <b>(30.8-53.7)</b>
AMESBURY	615	6.9	15.7	22.6	11.8	8.8	20.6	9.3	12.4	21.6 <b>(18.4-24.9)</b>
AMHERST-PELHAM (REG + SU 26)	743	15.7	16.2	31.9	9.9	11.3	21.2	12.9	13.9	26.8 <b>(23.6-30.0)</b>
ANDOVER	1,753	15.2	8.9	24.1	11.7	6.0	17.7	13.5	7.5	21.0 <b>(19.1-22.9)</b>
ARGOSY COLLEGIATE CS	102	*	*	54.9	21.6	25.5	47.1	19.6	31.4	51.0 <b>(41.3-60.7)</b>
ARLINGTON	1,544	6.8	4.3	11.1	9.1	2.6	11.7	8.0	3.4	11.4 <b>(9.8-13.0)</b>
ASHBURNHAM-WESTMINSTER	655	13.2	12.0	25.2	18.0	12.4	30.4	15.6	12.2	27.8 <b>(24.4-31.2)</b>
ASHLAND	756	8.1	12.3	20.3	14.9	12.1	27.0	11.6	12.2	23.8 <b>(20.8-26.8)</b>
ASSABET VALLEY COLLAB	*	*	*	*	*	*	*	*	*	*
ASSABET VALLEY VOC TECH	273	17.5	23.4	40.9	19.3	22.7	42.0	18.3	23.1	41.4 <b>(35.5-47.2)</b>
ATHOL-ROYALSTON	166	20.5	23.9	44.3	17.9	20.5	38.5	19.3	22.3	41.6 <b>(34.1-49.1)</b>
ATLANTIS CS	274	13.7	8.1	21.8	*	*	12.7	9.9	6.9	16.8 <b>(12.4-21.2)</b>

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		(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%, CI)
ATTLEBORO	1,732	17.0	19.6	36.6	17.2	16.2	33.3	17.1	18.0	35.1 (32.9-37.4)
AUBURN	745	18.4	15.5	33.9	12.8	13.1	25.9	15.7	14.4	30.1 (26.8-33.4)
AVON	105	*	*	30.9	*	*	36.0	16.2	17.1	33.3 (24.3-42.4)
AYER SHIRLEY	505	15.9	21.1	37.0	18.9	15.4	34.4	17.4	18.2	35.6 (31.5-39.8)
BARNSTABLE	1,509	15.9	20.3	36.2	19.1	17.8	36.9	17.5	19.0	36.5 (34.1-38.9)
BAYSTATE ACADEMY CS	131	17.2	28.1	45.3	14.9	26.9	41.8	16.0	27.5	43.5 (35.0-52.0)
BEDFORD	807	13.6	9.7	23.4	14.6	6.1	20.7	14.1	7.9	22.1 (19.2-24.9)
BELCHERTOWN	714	17.4	16.1	33.5	14.9	10.0	24.9	16.2	13.3	29.6 (26.2-32.9)
BELLINGHAM	472	18.7	11.6	30.3	12.1	12.1	24.2	15.5	11.9	27.3 (23.3-31.4)
BELMONT	437	12.4	8.9	21.3	*	*	13.7	11.2	6.4	17.6 (14.0-21.2)
BENJAMIN BANNEKER CS	98	21.4	35.7	57.1	*	*	42.9	20.4	30.6	51.0 (41.1-60.9)
BENJAMIN FRANKLIN CS	149	*	*	33.8	*	*	25.9	18.1	11.4	29.5 (22.2-36.9)
BERKSHIRE ARTS AND TECHNOLOGY CS	112	18.2	30.9	49.1	22.8	26.3	49.1	20.5	28.6	49.1 (39.8-58.4)
BERKSHIRE HILLS	379	14.8	9.3	24.0	18.9	8.7	27.6	16.9	9.0	25.9 (21.4-30.3)
BERLIN-BOYLSTON (REG + SU 60)	216	14.7	14.7	29.3	*	*	19.0	12.5	12.0	24.5 (18.8-30.3)
BEVERLY	1,310	16.5	16.8	33.3	13.3	19.5	32.8	14.9	18.2	33.1 (30.5-35.6)
BI-COUNTY COLLAB (BICO)	39	*	*	48.4	*	*	*	*	*	43.6 (28.0-59.2)
BILLERICA	1,397	14.9	19.0	33.9	16.3	15.1	31.4	15.6	17.0	32.6 (30.2-35.1)
BLACKSTONE VALLEY VOC TECH	315	16.3	16.3	32.5	8.4	12.9	21.3	12.4	14.6	27.0 (22.1-31.9)
BLACKSTONE-MILLVILLE	551	11.8	22.1	33.8	15.1	18.6	33.7	13.4	20.3	33.8 (29.8-37.7)

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		(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%, CI)
BLUE HILLS VOC TECH	217	14.3	21.0	35.3	16.3	28.6	44.9	15.2	24.4	39.6 (33.1-46.1)
BOSTON	10,023	14.9	25.5	40.4	17.0	24.4	41.4	15.9	25.0	40.9 (40.0-41.9)
BOSTON COLLEGIATE CS	116	*	*	41.2	23.1	24.6	47.7	19.0	25.9	44.8 (35.8-53.9)
BOSTON PREPARATORY CS	124	15.4	24.6	40.0	*	*	32.2	12.9	23.4	36.3 (27.8-44.8)
BOSTON RENAISSANCE CS	252	20.2	19.4	39.5	13.3	16.4	29.7	16.7	17.9	34.5 (28.7-40.4)
BOURNE	557	10.7	8.6	19.3	11.2	9.4	20.6	11.0	9.0	19.9 (16.6-23.2)
BRAINTREE	1,714	15.3	16.7	32.1	15.2	11.1	26.4	15.3	13.9	29.2 (27.1-31.4)
BRIDGEWATER-RAYNHAM	1,641	16.7	18.5	35.2	17.4	15.1	32.5	17.1	16.9	33.9 (31.7-36.2)
BRISTOL CTY AGR	109	*	*	*	*	*	35.2	25.7	10.1	35.8 (26.8-44.8)
BRISTOL-PLYMOUTH VOC TECH	308	20.2	24.5	44.7	15.8	26.7	42.5	18.5	25.3	43.8 (38.3-49.4)
BROCKTON	4,323	17.4	22.0	39.4	17.6	19.9	37.5	17.5	21.0	38.5 (37.0-39.9)
BROOKLINE	2,231	12.8	7.4	20.2	10.9	6.8	17.7	11.9	7.1	19.0 (17.4-20.6)
BURLINGTON	1,051	15.2	16.4	31.6	12.7	11.8	24.4	13.9	14.0	27.9 (25.2-30.6)
CAMBRIDGE	1,752	13.8	13.8	27.6	14.5	11.4	25.9	14.2	12.6	26.8 (24.7-28.8)
CANTON	954	32.1	12.8	44.9	17.4	8.7	26.2	24.5	10.7	35.2 (32.2-38.3)
CAPE COD COLLAB	33	*	*	*	*	*	*	*	*	39.4 (22.7-56.1)
CAPE COD LIGHTHOUSE CS	83	*	*	*	*	*	32.0	12.0	15.7	27.7 (18.1-37.3)
CAPE COD VOC TECH	141	20.2	25.8	46.1	19.2	30.8	50.0	19.9	27.7	47.5 (39.3-55.8)
CAPS ED COLLAB	32	*	*	45.5	*	*	*	*	*	43.8 (26.6-60.9)
CARVER	402	14.9	19.5	34.4	14.4	13.4	27.8	14.7	16.7	31.3 (26.8-35.9)

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		Over-weight	Obese	Over-weight or Obese	Over-weight	Obese	Over-weight or Obese	Over-weight	Obese	Overweight or Obese (%, CI)
		(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%, CI)
CENTRAL BERKSHIRE	435	12.8	15.3	28.1	18.0	18.0	36.0	15.2	16.6	31.7 (27.4-36.1)
CENTRAL MA SPED COLLAB	77	24.6	24.6	49.1	*	*	*	22.1	24.7	46.8 (35.6-57.9)
CHELMSFORD	1,399	16.2	13.6	29.8	18.5	8.8	27.3	17.2	11.4	28.7 (26.3-31.0)
CHELSEA	1,845	18.3	35.4	53.7	19.7	32.7	52.4	19.0	34.1	53.1 (50.8-55.3)
CHICOPEE	1,968	16.3	23.8	40.1	15.9	21.0	36.9	16.1	22.5	38.6 (36.4-40.7)
CHRISTA McAULIFFE CS	119	*	*	39.3	*	*	32.8	24.4	11.8	36.1 (27.5-44.8)
CITY ON A HILL CS--CIRCUIT STREET	18	*	*	*	*	*	*	*	*	*
CITY ON A HILL CS--DUDLEY SQUARE	46	*	*	*	*	*	37.0	*	*	34.8 (21.0-48.5)
CITY ON A HILL CS--NEW BEDFORD	40	*	*	50.0	*	*	*	*	*	45.0 (29.6-60.4)
CLINTON	496	13.8	22.0	35.8	11.8	18.4	30.3	12.9	20.4	33.3 (29.1-37.4)
CODMAN ACADEMY CS	104	*	*	46.2	23.1	25.0	48.1	17.3	29.8	47.1 (37.5-56.7)
COHASSET	467	7.9	6.3	14.2	8.9	4.7	13.6	8.4	5.6	13.9 (10.8-17.1)
COLLAB FOR ED SERVICES	*	*	*	*	*	*	*	*	*	*
COMMUNITY CS OF CAMBRIDGE	89	30.4	21.7	52.2	*	*	62.8	24.7	32.6	57.3 (47.0-67.6)
COMMUNITY DAY CS	116	20.3	25.4	45.8	*	*	40.4	16.4	26.7	43.1 (34.1-52.1)
CONCORD-CARLISLE	1,057	11.8	8.1	19.8	12.8	5.4	18.2	12.3	6.7	19.0 (16.7-21.4)
DANVERS	1,026	14.5	18.3	32.8	14.2	14.6	28.7	14.3	16.5	30.8 (28.0-33.6)
DARTMOUTH	1,097	15.3	17.0	32.3	15.9	15.5	31.5	15.6	16.3	31.9 (29.1-34.7)
DEDHAM	783	19.1	16.5	35.6	18.2	13.2	31.4	18.6	14.8	33.5 (30.2-36.8)
DENNIS-YARMOUTH	757	18.4	16.9	35.3	16.1	15.3	31.5	17.3	16.1	33.4 (30.1-36.8)

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		Over-weight	Obese	Over-weight or Obese	Over-weight	Obese	Over-weight or Obese	Over-weight	Obese	Overweight or Obese (%, CI)
		(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%, CI)
DIGHTON-REHOBOTH	844	14.9	14.4	29.3	12.8	10.9	23.7	13.9	12.7	26.5 (23.6-29.5)
DOUGLAS	390	14.7	16.8	31.5	14.5	16.1	30.6	14.6	16.4	31.0 (26.4-35.6)
DOVER-SHERBORN (REG + SU 50)	594	11.3	7.3	18.7	11.2	5.2	16.5	11.3	6.4	17.7 (14.6-20.7)
DRACUT	1,050	17.4	20.0	37.4	17.4	17.1	34.5	17.4	18.5	35.9 (33.0-38.8)
DUDLEY-CHARLTON	1,141	20.5	16.4	36.9	16.1	12.4	28.4	18.4	14.5	32.9 (30.1-35.6)
DUXBURY	947	12.0	9.9	21.9	15.0	6.7	21.6	13.5	8.2	21.8 (19.1-24.4)
EAST LONGMEADOW	795	20.4	13.0	33.4	15.5	12.1	27.6	18.0	12.6	30.6 (27.4-33.8)
EASTHAMPTON	278	12.6	16.1	28.7	17.8	12.6	30.4	15.1	14.4	29.5 (24.1-34.9)
EASTON	1,109	16.9	17.3	34.3	15.5	15.4	30.9	16.2	16.3	32.6 (29.8-35.3)
ERVING (SU 28)	135	*	*	30.9	*	*	29.9	17.0	13.3	30.4 (22.6-38.1)
ESSEX NORTH SHORE AGR AND TECH EVERETT	278	18.0	23.4	41.4	13.3	16.0	29.3	15.5	19.4	34.9 (29.3-40.5)
EXCEL ACADEMY CS	1,864	24.0	27.4	51.5	21.9	25.0	46.9	23.0	26.3	49.3 (47.0-51.6)
FAIRHAVEN	271	17.9	27.1	45.0	29.8	22.9	52.7	23.6	25.1	48.7 (42.8-54.7)
FALL RIVER	597	17.3	21.8	39.1	15.1	21.8	36.8	16.2	21.8	38.0 (34.1-41.9)
FALMOUTH	2,628	14.4	25.2	39.5	17.0	22.6	39.6	15.7	23.9	39.6 (37.7-41.4)
FARMINGTON RIVER	1,028	16.2	15.4	31.6	17.3	12.0	29.3	16.7	13.7	30.4 (27.6-33.3)
FITCHBURG	29	*	*	*	*	*	*	*	*	*
FOUR RIVERS CS	1,376	18.8	25.1	43.8	19.0	21.6	40.6	18.9	23.3	42.2 (39.6-44.8)
FOXBOROUGH	64	*	*	28.6	*	*	*	*	*	25.0 (14.4-35.6)

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School District	Total number of students screened (N)	Males			Females			Males and Females		
		Over-weight	Obese	Over-weight or Obese	Over-weight	Obese	Over-weight or Obese	Over-weight	Obese	Overweight or Obese (%, CI)
		(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
FOXBOROUGH CS	415	26.1	18.1	44.2	21.3	16.2	37.5	23.6	17.1	40.7 (36.0-45.4)
FRAMINGHAM	1,701	17.2	18.3	35.5	16.8	18.8	35.6	17.0	18.5	35.6 (33.3-37.8)
FRANCIS W PARKER CS	122	*	*	36.7	*	*	*	12.3	9.0	21.3 (14.0-28.6)
FRANKLIN CTY VOC TECH	90	20.8	35.8	56.6	*	*	35.1	20.0	27.8	47.8 (37.5-58.1)
FREETOWN-LAKEVILLE	823	18.2	12.0	30.2	17.5	15.9	33.5	17.9	14.1	32.0 (28.8-35.1)
FRONTIER (REG + SU 38)	414	11.6	19.5	31.2	18.1	14.6	32.7	14.7	17.1	31.9 (27.4-36.4)
GARDNER	616	13.9	16.8	30.7	15.6	14.0	29.6	14.8	15.4	30.2 (26.6-33.8)
GATEWAY	254	15.1	15.1	30.2	13.9	16.5	30.4	14.6	15.7	30.3 (24.7-36.0)
GEORGETOWN	396	7.0	7.5	14.6	10.7	5.1	15.7	8.8	6.3	15.2 (11.6-18.7)
GILL-MONTAGUE	275	17.9	16.4	34.3	22.7	19.9	42.6	20.4	18.2	38.5 (32.8-44.3)
GLOBAL LEARNING CS	105	21.7	30.0	51.7	*	*	46.7	25.7	23.8	49.5 (40.0-59.1)
GLOUCESTER	850	16.7	23.2	40.0	20.4	19.9	40.3	18.6	21.5	40.1 (36.8-43.4)
GRAFTON	953	12.0	13.6	25.6	13.4	9.1	22.6	12.7	11.4	24.1 (21.4-26.9)
GRANBY	211	22.4	20.8	43.2	*	*	31.4	22.3	16.1	38.4 (31.8-45.0)
GREATER FALL RIVER VOC TECH	327	17.1	32.4	49.4	19.1	22.3	41.4	18.0	27.5	45.6 (40.2-51.0)
GREATER LAWRENCE VOC TECH	387	17.6	26.6	44.2	26.6	22.3	48.9	22.0	24.5	46.5 (41.5-51.5)
GREATER LOWELL VOC TECH	525	17.6	30.4	48.0	20.5	35.2	55.7	18.9	32.4	51.2 (47.0-55.5)
GREATER NEW BEDFORD VOC TECH	561	13.1	32.5	45.6	18.8	30.3	49.1	16.0	31.4	47.4 (43.3-51.5)
GREENFIELD	464	14.6	22.2	36.8	16.4	14.7	31.1	15.5	18.5	34.1 (29.7-38.4)
GROTON-DUNSTABLE	545	12.3	13.4	25.7	11.9	8.3	20.2	12.1	11.0	23.1 (19.6-26.7)

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		Over-weight	Obese	Over-weight or Obese	Over-weight	Obese	Over-weight or Obese	Over-weight	Obese	Overweight or Obese
		(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%, CI)
HADLEY	163	14.6	15.6	30.2	*	*	28.4	13.5	16.0	29.4 (22.5-36.4)
HAMILTON-WENHAM	539	8.4	9.5	17.8	11.7	6.4	18.2	10.0	8.0	18.0 (14.8-21.2)
HAMPDEN CS OF SCIENCE	118	*	*	22.4	*	*	*	*	*	16.9 (10.2-23.7)
HAMPDEN-WILBRAHAM	925	15.0	16.8	31.8	15.7	11.8	27.5	15.4	14.3	29.6 (26.7-32.6)
HAMPSHIRE (REG + SU 66)	511	12.6	14.6	27.2	18.3	15.2	33.5	15.5	14.9	30.3 (26.3-34.3)
HANOVER	784	15.6	12.0	27.6	12.8	11.8	24.6	14.3	11.9	26.1 (23.1-29.2)
HARVARD	368	*	*	11.8	*	*	9.5	7.9	2.7	10.6 (7.5-13.7)
HATFIELD	113	*	*	29.6	*	*	16.9	10.6	12.4	23.0 (15.2-30.8)
HAVERHILL	1,818	15.7	25.9	41.6	19.3	21.3	40.7	17.5	23.6	41.1 (38.9-43.4)
HILL VIEW MONTESSORI CS	85	*	*	*	*	*	*	*	*	11.8 (4.9-18.6)
HILLTOWN COOPERATIVE CS	73	*	*	*	*	*	*	*	*	20.5 (11.3-29.8)
HINGHAM	1,269	12.6	9.2	21.8	13.6	8.0	21.6	13.1	8.6	21.7 (19.4-23.9)
HOLBROOK	320	15.8	19.0	34.8	15.4	16.0	31.5	15.6	17.5	33.1 (28.0-38.3)
HOLLISTON	846	13.7	9.5	23.1	13.8	7.0	20.8	13.7	8.3	22.0 (19.2-24.8)
HOLYoke	828	8.7	13.1	21.8	11.2	16.3	27.5	9.9	14.6	24.5 (21.6-27.4)
HOLYoke COMMUNITY CS	206	*	*	40.9	24.6	15.3	39.8	18.4	21.8	40.3 (33.6-47.0)
HOPEDALE	321	*	*	18.5	10.5	7.8	18.3	12.1	6.2	18.4 (14.1-22.6)
HOPKINTON	1,027	11.0	10.2	21.1	10.3	3.7	14.0	10.6	6.9	17.5 (15.2-19.9)
HUDSON	661	20.3	18.8	39.1	18.8	14.4	33.1	19.5	16.5	36.0 (32.3-39.7)
HULL	248	15.4	16.9	32.3	13.6	13.6	27.1	14.5	15.3	29.8 (24.1-35.5)

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		(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
INNOVATION ACADEMY CS	184	*	*	26.2	21.0	10.0	31.0	19.6	9.2	28.8 (22.3-35.3)
IPSWICH	538	14.3	13.5	27.8	15.4	8.6	24.0	14.9	11.0	25.8 (22.1-29.5)
KING PHILIP	1,151	13.5	10.7	24.2	14.4	10.0	24.3	13.9	10.3	24.2 (21.8-26.7)
KIPP ACADEMY BOSTON CS	399	17.5	22.0	39.5	16.6	30.7	47.2	17.0	26.3	43.4 (38.5-48.2)
KIPP ACADEMY LYNN CS	313	19.1	21.1	40.1	28.0	16.8	44.7	23.6	18.8	42.5 (37.0-48.0)
LABBB COLLAB	46	*	*	*	*	*	*	*	*	*
LAWRENCE	3,654	17.2	28.3	45.5	19.9	26.0	45.9	18.5	27.2	45.7 (44.1-47.3)
LEE-TYRINGHAM	200	17.6	11.8	29.4	18.4	16.3	34.7	18.0	14.0	32.0 (25.5-38.5)
LEICESTER	449	14.2	22.2	36.4	22.4	17.1	39.5	18.0	19.8	37.9 (33.4-42.3)
LENOX	214	19.5	18.4	37.9	15.0	9.4	24.4	16.8	13.1	29.9 (23.8-36.0)
LEOMINSTER	1,726	17.6	20.7	38.3	16.7	22.7	39.4	17.1	21.7	38.8 (36.5-41.1)
LEXINGTON	2,098	12.8	6.9	19.7	13.1	3.9	17.0	12.9	5.4	18.3 (16.6-20.0)
LINCOLN-SUDBURY	1,628	13.3	9.2	22.5	11.9	8.1	20.1	12.7	8.7	21.3 (19.3-23.3)
LITTLETON	432	16.4	10.7	27.1	14.2	15.6	29.8	15.3	13.2	28.5 (24.2-32.7)
LONGMEADOW	686	12.7	8.6	21.3	17.1	6.3	23.5	14.7	7.6	22.3 (19.2-25.4)
LOWELL	3,979	16.3	21.6	37.8	17.4	17.4	34.8	16.8	19.5	36.3 (34.8-37.8)
LOWELL COLLEGIATE CS	196	18.3	15.1	33.3	11.7	24.3	35.9	14.8	19.9	34.7 (28.0-41.4)
LOWELL COMMUNITY CS	219	22.2	21.3	43.5	23.4	17.1	40.5	22.8	19.2	42.0 (35.5-48.5)
LOWER PIONEER VALLEY ED COLLAB	10	*	*	*	*	*	*	*	*	*
LUDLOW	776	20.2	18.2	38.4	16.3	13.9	30.1	18.3	16.1	34.4 (31.1-37.7)

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		(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%, CI)
LUNENBURG	498	13.9	6.6	20.5	10.5	7.9	18.4	12.2	7.2	19.5 (16.0-23.0)
LYNN	4,398	19.6	25.2	44.8	19.8	21.6	41.3	19.7	23.5	43.1 (41.7-44.6)
LYNNFIELD	664	5.0	23.1	28.2	7.0	15.9	22.9	6.0	19.6	25.6 (22.3-28.9)
MALDEN	1,780	15.5	20.5	36.1	16.9	24.4	41.4	16.2	22.5	38.8 (36.5-41.0)
MANCHESTER ESSEX	372	12.8	10.0	22.8	*	*	16.7	12.4	7.3	19.6 (15.6-23.7)
MANSFIELD	1,107	17.0	17.9	35.0	16.0	10.5	26.5	16.5	14.2	30.7 (28.0-33.4)
MARBLEHEAD	951	13.1	11.1	24.2	14.9	10.2	25.1	14.0	10.6	24.6 (21.9-27.3)
MARBLEHEAD COMMUNITY CS	93	*	*	26.4	*	*	30.0	*	*	28.0 (18.8-37.1)
MARLBOROUGH	1,295	17.3	23.4	40.7	16.6	18.0	34.6	17.0	20.8	37.8 (35.2-40.5)
MARSHFIELD	1,322	12.8	11.8	24.6	12.0	8.7	20.7	12.4	10.2	22.6 (20.4-24.9)
MARTHA'S VINEYARD (REG + SU 19)	521	15.2	20.6	35.8	19.2	13.8	33.1	17.1	17.5	34.5 (30.5-38.6)
MARTHA'S VINEYARD CS	48	*	*	*	*	*	*	*	*	22.9 (11.0-34.8)
MARTIN LUTHER KING JR. CS OF EXCELLENCE	116	*	*	45.6	*	*	22.0	11.2	22.4	33.6 (25.0-42.2)
MASCONOMET (REG + TRI-TOWN SU 58)	1,267	13.3	11.2	24.5	10.9	6.3	17.1	12.2	8.8	21.0 (18.8-23.2)
MASHPEE	486	17.1	20.9	38.0	21.5	11.2	32.7	19.1	16.5	35.6 (31.3-39.9)
MAYNARD	431	17.5	15.8	33.3	16.7	12.8	29.6	17.2	14.4	31.6 (27.2-35.9)
MEDFIELD	759	13.1	7.2	20.3	11.6	5.4	17.0	12.4	6.3	18.7 (15.9-21.5)
MEDFORD	1,196	17.3	25.0	42.2	17.7	19.9	37.6	17.5	22.6	40.1 (37.3-42.8)
MEDWAY	699	16.0	13.1	29.1	12.9	12.4	25.3	14.4	12.7	27.2 (23.9-30.5)
MELROSE	590	14.1	7.6	21.7	9.8	12.9	22.7	12.0	10.2	22.2 (18.8-25.6)

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		(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	
MENDON-UPTON	593	16.8	12.7	29.6	13.2	11.6	24.8	15.0	12.1	27.2 (23.6-30.7)
METHUEN	1,885	17.0	17.9	34.9	16.1	14.9	31.0	16.6	16.5	33.1 (31.0-35.2)
MIDDLEBOROUGH	870	14.3	17.9	32.1	13.8	15.0	28.7	14.0	16.4	30.5 (27.4-33.5)
MILFORD	1,132	16.5	20.4	36.9	19.5	16.8	36.2	17.9	18.6	36.6 (33.8-39.4)
MILLBURY	518	17.1	20.5	37.7	20.4	16.8	37.2	18.5	18.9	37.5 (33.3-41.6)
MILLIS	362	18.8	14.1	32.9	21.9	10.4	32.3	20.4	12.2	32.6 (27.8-37.4)
MILTON	1,190	13.9	7.8	21.7	12.9	7.3	20.2	13.4	7.6	20.9 (18.6-23.2)
MINUTEMAN VOC TECH	117	22.9	22.9	45.7	*	*	34.0	20.5	20.5	41.0 (32.1-49.9)
MOHAWK TRAIL	314	17.1	17.8	34.9	19.8	14.8	34.6	18.5	16.2	34.7 (29.4-40.0)
MONOMOY	568	16.7	15.7	32.5	19.0	15.2	34.2	17.8	15.5	33.3 (29.4-37.1)
MONSON	208	12.0	14.0	26.0	10.2	13.9	24.1	11.1	13.9	25.0 (19.1-30.9)
MONTACHUSETT VOC TECH	349	8.0	25.3	33.3	10.9	22.9	33.7	9.5	24.1	33.5 (28.6-38.5)
MOUNT GREYLOCK	361	9.2	11.8	21.0	12.7	11.4	24.1	10.8	11.6	22.4 (18.1-26.7)
MYSTIC VALLEY CS	416	23.5	9.5	33.0	13.3	14.4	27.7	18.8	11.8	30.5 (26.1-35.0)
NANTUCKET	470	16.5	18.9	35.4	20.4	22.7	43.1	18.3	20.6	38.9 (34.5-43.3)
NARRAGANSETT	399	16.0	17.4	33.3	19.4	15.6	34.9	17.5	16.5	34.1 (29.4-38.7)
NASHOBA	941	12.0	9.6	21.6	11.6	8.7	20.3	11.8	9.1	20.9 (18.3-23.5)
NASHOBA VALLEY VOC TECH	137	21.5	15.2	36.7	20.7	20.7	41.4	21.2	17.5	38.7 (30.5-46.8)
NATICK	1,370	13.4	10.2	23.5	16.6	8.1	24.7	14.9	9.2	24.1 (21.8-26.4)
NAUSET (REG + SU 54)	738	15.4	14.3	29.6	16.6	14.4	31.1	16.0	14.4	30.4 (27.0-33.7)

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		(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%, CI)
NEEDHAM	1,819	11.2	6.1	17.3	11.3	3.6	14.9	11.3	4.8	16.1 (14.4-17.7)
NEIGHBORHOOD HOUSE CS	125	*	*	37.9	*	*	39.0	14.4	24.0	38.4 (29.9-46.9)
NEW BEDFORD	3,556	19.3	29.4	48.7	18.6	27.6	46.2	19.0	28.5	47.5 (45.9-49.2)
NEW HEIGHTS CS OF BROCKTON	104	24.1	25.9	50.0	23.9	21.7	45.7	24.0	24.0	48.1 (38.5-57.7)
NEWBURYPORT	591	16.3	14.1	30.4	16.2	13.6	29.8	16.2	13.9	30.1 (26.4-33.8)
NEWTON	3,120	12.9	10.1	23.0	11.7	5.7	17.3	12.3	7.9	20.2 (18.8-21.6)
NORFOLK CTY AGR	145	*	*	47.2	16.5	16.5	33.0	17.2	19.3	36.6 (28.7-44.4)
NORTH ADAMS	407	16.6	25.6	42.2	19.7	22.1	41.8	18.2	23.8	42.0 (37.2-46.8)
NORTH ANDOVER	1,478	14.1	12.9	26.9	13.4	10.1	23.5	13.7	11.5	25.2 (23.0-27.5)
NORTH ATTLEBOROUGH	1,332	15.4	18.1	33.5	16.0	12.7	28.7	15.7	15.5	31.2 (28.7-33.6)
NORTH BROOKFIELD	149	13.2	22.4	35.5	*	*	27.4	12.8	18.8	31.5 (24.1-39.0)
NORTH MIDDLESEX	169	13.7	23.3	37.0	*	*	28.1	16.6	15.4	32.0 (24.9-39.0)
NORTH READING	658	17.3	14.2	31.5	12.2	8.7	20.8	14.9	11.6	26.4 (23.1-29.8)
NORTH RIVER COLLAB	*	*	*	*	*	*	*	*	*	*
NORTHAMPTON	738	15.1	12.5	27.6	14.1	11.9	26.0	14.6	12.2	26.8 (23.6-30.0)
NORTHAMPTON-SMITH VOC AGR	137	16.7	28.2	44.9	18.6	18.6	37.3	17.5	24.1	41.6 (33.4-49.9)
NORTHBORO-SOUTHBORO (REG + SU 3)	1,370	14.3	8.8	23.1	12.0	8.9	20.9	13.1	8.8	22.0 (19.8-24.2)
NORTHBRIDGE	635	15.3	18.2	33.6	15.5	14.9	30.5	15.4	16.5	32.0 (28.3-35.6)
NORTHEAST METRO VOC TECH	277	22.8	22.8	45.5	25.8	23.5	49.2	24.2	23.1	47.3 (41.4-53.2)
NORTHERN BERKSHIRE VOC TECH	116	16.5	31.6	48.1	*	*	43.2	15.5	31.0	46.6 (37.5-55.6)

**Table 1. Overweight or Obese Children in Grades 1, 4, 7, 10 in Massachusetts School Districts, 2016-2017**

School District	Total number of students screened (N)	Males			Females			Males and Females		
		Over-weight	Obese	Over-weight or Obese	Over-weight	Obese	Over-weight or Obese	Over-weight	Obese	Overweight or Obese
		(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%, CI)
NORTHSORE EDUCATION CONSORTIUM	51	*	*	45.7	*	*	62.5	21.6	29.4	51.0 (37.3-64.7)
NORTON	713	20.1	11.3	31.3	17.8	10.0	27.8	18.9	10.7	29.6 (26.2-32.9)
NORWELL	636	10.8	10.5	21.3	12.4	9.3	21.7	11.6	9.9	21.5 (18.3-24.7)
NORWOOD	1,036	16.8	17.0	33.7	19.3	16.4	35.8	18.1	16.7	34.7 (31.8-37.6)
OLD COLONY VOC TECH	129	*	*	31.0	*	*	36.2	22.5	10.9	33.3 (25.2-41.5)
OLD ROCHESTER (REG + SU 55)	775	10.8	14.4	25.1	10.1	9.9	20.0	10.5	12.1	22.6 (19.6-25.5)
OXFORD	473	20.8	19.9	40.7	14.5	18.6	33.1	17.5	19.2	36.8 (32.4-41.1)
PALMER	425	19.3	25.0	44.3	27.2	16.4	43.7	23.3	20.7	44.0 (39.3-48.7)
PATHFINDER VOC TECH	153	20.8	31.3	52.1	26.3	31.6	57.9	22.9	31.4	54.2 (46.4-62.1)
PAULO FREIRE SOCIAL JUSTICE CS	58	*	*	34.5	*	*	44.8	17.2	22.4	39.7 (27.1-52.2)
PEABODY	1,466	18.5	23.6	42.1	16.6	20.9	37.5	17.5	22.2	39.8 (37.3-42.3)
PEMBROKE	905	18.3	12.1	30.4	15.7	6.9	22.6	17.0	9.6	26.6 (23.7-29.5)
PENTUCKET	748	13.7	11.1	24.7	12.8	6.7	19.4	13.2	9.0	22.2 (19.2-25.2)
PHOENIX ACADEMY CHS SPRINGFIELD	12	*	*	*	*	*	*	*	*	*
PIONEER CS OF SCIENCE I	183	17.6	22.0	39.6	17.4	15.2	32.6	17.5	18.6	36.1 (29.1-43.0)
PIONEER CS OF SCIENCE II	114	*	*	23.6	*	*	27.1	*	*	25.4 (17.4-33.4)
PIONEER VALLEY	237	14.4	14.4	28.8	8.9	11.6	20.5	11.8	13.1	24.9 (19.4-30.4)
PITTSFIELD	1,449	14.3	13.8	28.1	15.6	16.5	32.1	15.0	15.1	30.1 (27.7-32.5)
PLYMOUTH	2,190	13.6	19.3	32.8	16.8	14.6	31.4	15.2	17.0	32.1 (30.2-34.1)
QUABBIN	595	13.2	24.0	37.3	19.2	14.6	33.8	16.3	19.2	35.5 (31.6-39.3)

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School District	Total number of students screened (N)	Males			Females			Males and Females		
		Over-weight	Obese	Over-weight or Obese	Over-weight	Obese	Over-weight or Obese	Over-weight	Obese	Overweight or Obese (%, CI)
		(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%, CI)
QUABOAG	401	17.4	24.9	42.3	15.5	22.0	37.5	16.5	23.4	39.9 (35.1-44.7)
QUINCY	2,669	15.8	16.1	32.0	15.1	11.1	26.1	15.5	13.7	29.2 (27.5-30.9)
RALPH C MAHAR	112	*	*	28.3	*	*	23.1	12.5	13.4	25.9 (17.8-34.0)
READING	1,258	11.8	9.2	21.0	10.2	7.0	17.3	11.0	8.2	19.2 (17.1-21.4)
READS COLLAB	25	*	*	*	*	*	*	*	*	44.0 (24.5-63.5)
REVERE	2,214	23.2	23.9	47.1	28.1	19.6	47.7	25.7	21.7	47.4 (45.3-49.5)
RISING TIDE CS	148	*	*	25.0	*	*	28.1	12.2	14.2	26.4 (19.3-33.4)
RIVER VALLEY CS	94	*	*	*	*	*	*	*	*	*
ROCKLAND	619	23.6	16.3	39.9	18.0	15.0	33.0	20.8	15.7	36.5 (32.7-40.3)
ROCKPORT	285	19.1	9.9	29.1	18.1	11.8	29.9	18.6	10.9	29.5 (24.2-34.8)
SALEM	1,236	18.6	24.0	42.7	19.6	23.1	42.6	19.1	23.5	42.6 (39.9-45.4)
SALEM ACADEMY CS	129	*	*	25.0	*	*	22.1	10.9	12.4	23.3 (16.0-30.5)
SANDWICH	778	15.3	12.3	27.5	15.6	10.3	25.9	15.4	11.3	26.7 (23.6-29.8)
SCITUATE	797	10.1	9.2	19.3	10.7	4.2	14.9	10.4	6.8	17.2 (14.6-19.8)
SEEKONK	597	12.3	15.6	27.8	14.9	12.2	27.1	13.6	13.9	27.5 (23.9-31.1)
SHAKER MOUNTAIN (SU 70)	60	*	*	*	*	*	*	*	*	18.3 (8.5-28.1)
SHARON	922	15.9	8.3	24.2	12.0	7.5	19.5	14.0	7.9	21.9 (19.2-24.6)
SHAWSHEEN VALLEY VOC TECH	315	15.0	19.1	34.1	12.0	31.0	43.0	13.7	24.4	38.1 (32.7-43.5)
SHREWSBURY	1,741	17.4	14.8	32.2	15.8	9.4	25.2	16.6	12.1	28.7 (26.5-30.8)
SILVER LAKE (REG + SU 31)	806	14.0	10.1	24.1	16.6	7.7	24.3	15.3	8.9	24.2 (21.2-27.2)

**Table 1. Overweight or Obese Children in Grades 1, 4, 7, 10 in Massachusetts School Districts, 2016-2017**

School District	Total number of students screened (N)	Males			Females			Males and Females		
		Over-weight	Obese	Over-weight or Obese	Over-weight	Obese	Over-weight or Obese	Over-weight	Obese	Overweight or Obese (%, CI)
		(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%, CI)
SIZER: A NORTH CENTRAL ESSENTIAL CS	117	*	*	34.5	*	*	39.0	13.7	23.1	36.8 (28.0-45.5)
SOMERSET BERKLEY	973	15.7	17.8	33.5	19.4	15.1	34.5	17.6	16.4	34.0 (31.0-37.0)
SOMERVILLE	1,508	18.5	24.7	43.2	17.0	20.3	37.3	17.8	22.5	40.3 (37.8-42.8)
SOUTH HADLEY	532	12.2	20.1	32.3	15.1	16.5	31.7	13.7	18.2	32.0 (28.0-35.9)
SOUTH MIDDLESEX VOC TECH	156	10.9	22.8	33.7	17.2	34.4	51.6	13.5	27.6	41.0 (33.3-48.7)
SOUTH SHORE CS	213	12.0	18.0	30.0	*	*	21.2	15.5	9.9	25.4 (19.5-31.2)
SOUTH SHORE ED COLLAB	66	*	*	51.2	*	*	*	*	*	39.4 (27.6-51.2)
SOUTH SHORE VOC TECH	149	17.6	34.3	52.0	*	*	40.4	17.4	30.9	48.3 (40.3-56.3)
SOUTHBRIDGE	497	13.1	29.5	42.6	19.1	22.4	41.5	16.1	26.0	42.1 (37.7-46.4)
SOUTHEASTERN VOC TECH	333	14.4	25.3	39.7	18.9	29.6	48.4	16.5	27.3	43.8 (38.5-49.2)
SOUTHERN BERKSHIRE	208	10.1	14.7	24.8	12.1	17.2	29.3	11.1	15.9	26.9 (20.9-33.0)
SOUTHERN WORCESTER CTY VOC TECH	284	22.8	17.5	40.4	18.6	25.7	44.2	21.1	20.8	41.9 (36.2-47.6)
SOUTHWICK-TOLLAND-GRANVILLE	406	15.3	18.7	34.0	17.7	14.3	32.0	16.5	16.5	33.0 (28.4-37.6)
SPENCER-E BROOKFIELD	416	15.6	31.2	46.7	10.1	28.6	38.7	12.7	29.8	42.5 (37.8-47.3)
SPRINGFIELD	6,296	15.7	25.6	41.3	18.6	25.6	44.1	17.1	25.6	42.7 (41.5-43.9)
SPRINGFIELD PREPARATORY CS	53	*	*	44.0	*	*	35.7	*	*	39.6 (26.5-52.8)
STONEHAM	651	8.9	18.7	27.6	9.2	11.4	20.6	9.1	15.1	24.1 (20.8-27.4)
STOUGHTON	874	17.6	19.3	36.9	16.4	19.9	36.3	17.0	19.6	36.6 (33.4-39.8)
STURGIS CS	196	12.5	15.0	27.5	14.7	12.9	27.6	13.8	13.8	27.6 (21.3-33.8)
SUTTON	432	18.3	18.3	36.5	14.9	9.8	24.7	16.4	13.7	30.1 (25.8-34.4)

**Table 1. Overweight or Obese Children in Grades 1, 4, 7, 10 in Massachusetts School Districts, 2016-2017**

School District	Total number of students screened (N)	Males			Females			Males and Females		
		Over-weight	Obese	Over-weight or Obese	Over-weight	Obese	Over-weight or Obese	Over-weight	Obese	Overweight or Obese
		(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%, CI)
SWANSEA	612	18.1	19.3	37.3	18.2	21.8	40.0	18.1	20.4	38.6 (34.7-42.4)
TANTASQUA (REG + SU 61)	762	17.9	10.0	27.9	16.9	11.9	28.8	17.5	10.9	28.3 (25.1-31.5)
TAUNTON	2,269	15.7	24.0	39.6	17.5	23.0	40.5	16.6	23.5	40.1 (38.0-42.1)
TEWKSBURY	1,022	15.6	16.8	32.3	16.3	16.7	33.0	15.9	16.7	32.7 (29.8-35.6)
THE EDUCATION COOPERATIVE (TEC)	21	*	*	*	*	*	*	*	*	*
TRITON	714	14.9	14.6	29.5	19.2	15.7	34.9	16.9	15.1	32.1 (28.6-35.5)
TYNGSBOROUGH	508	13.8	13.8	27.7	18.0	11.0	29.0	15.9	12.4	28.3 (24.4-32.3)
UPPER CAPE COD VOC TECH	165	18.1	21.9	40.0	28.3	18.3	46.7	21.8	20.6	42.4 (34.9-50.0)
UXBRIDGE	510	11.0	6.6	17.6	11.8	5.5	17.3	11.4	6.1	17.5 (14.2-20.7)
VERITAS PREPARATORY CS	76	*	*	52.4	*	*	44.1	14.5	34.2	48.7 (37.4-59.9)
WACHUSSETT	2,165	13.1	14.4	27.4	13.0	10.6	23.6	13.0	12.5	25.5 (23.7-27.3)
WAKEFIELD	1,005	15.0	13.4	28.3	16.4	8.8	25.2	15.7	11.0	26.8 (24.0-29.5)
WALPOLE	1,111	15.2	13.7	28.9	13.0	7.5	20.5	14.1	10.6	24.8 (22.2-27.3)
WALTHAM	1,429	15.4	26.0	41.4	17.0	20.2	37.3	16.2	23.2	39.4 (36.9-41.9)
WARE	373	16.8	24.4	41.1	20.5	21.6	42.0	18.5	23.1	41.6 (36.6-46.6)
WAREHAM	697	17.4	24.8	42.2	21.1	24.5	45.6	19.1	24.7	43.8 (40.1-47.4)
WATERTOWN	688	13.2	12.6	25.8	19.8	10.6	30.4	16.4	11.6	28.1 (24.7-31.4)
WAYLAND	804	10.9	9.0	20.0	10.2	5.7	15.9	10.6	7.5	18.0 (15.4-20.7)
WEBSTER	551	19.5	23.2	42.6	19.0	22.9	41.9	19.2	23.0	42.3 (38.2-46.4)
WELLESLEY	1,457	12.1	6.2	18.3	9.1	3.7	12.8	10.6	4.9	15.5 (13.7-17.4)

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School District	Total number of students screened (N)	Males			Females			Males and Females		
		Over-weight	Obese	Over-weight or Obese	Over-weight	Obese	Over-weight or Obese	Over-weight	Obese	Overweight or Obese (%, CI)
		(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%, CI)
WEST BOYLSTON	156	*	*	36.1	*	*	39.3	26.9	10.9	37.8 (30.2-45.4)
WEST BRIDGEWATER	377	13.7	18.1	31.9	13.3	11.8	25.1	13.5	14.9	28.4 (23.8-32.9)
WEST SPRINGFIELD	827	17.6	16.2	33.7	14.5	20.1	34.5	16.1	18.0	34.1 (30.9-37.3)
WESTBOROUGH	1,160	16.7	10.3	27.1	17.4	7.1	24.5	17.1	8.7	25.8 (23.3-28.3)
WESTFIELD	1,176	12.4	15.4	27.9	14.8	9.8	24.6	13.4	13.0	26.4 (23.9-29.0)
WESTFORD	1,447	13.9	8.7	22.7	11.8	6.1	18.0	12.9	7.5	20.4 (18.3-22.5)
WESTON	693	9.4	5.6	15.0	8.2	2.8	11.0	8.8	4.2	13.0 (10.5-15.5)
WESTPORT	391	17.3	19.6	36.9	14.5	18.1	32.5	16.1	18.9	35.0 (30.3-39.8)
WESTWOOD	936	13.9	8.1	21.9	11.0	7.9	19.0	12.5	8.0	20.5 (17.9-23.1)
WEYMOUTH	1,334	18.1	18.8	36.9	17.1	16.2	33.3	17.6	17.5	35.2 (32.6-37.7)
WHITTIER VOC TECH	332	17.1	23.8	40.9	17.9	25.2	43.0	17.5	24.4	41.9 (36.6-47.2)
WILMINGTON	966	16.1	21.0	37.1	15.7	15.7	31.5	15.9	18.4	34.4 (31.4-37.4)
WINCHESTER	1,308	15.5	8.0	23.5	13.1	4.3	17.4	14.3	6.1	20.4 (18.2-22.6)
WINTHROP	586	17.6	16.6	34.2	18.2	19.2	37.5	17.9	17.9	35.8 (32.0-39.7)
WOBURN	1,308	17.3	21.6	38.9	18.8	17.7	36.5	18.0	19.6	37.7 (35.1-40.3)
WORCESTER	5,870	17.4	24.4	41.8	19.0	22.4	41.4	18.2	23.4	41.6 (40.3-42.8)

Notes: Data that did not pass data quality tests were excluded from the analysis. For more information, please reference the *Methods* section of this report. *CI* = 95% confidence interval. In children and teens, BMI level is expressed relative to other children of the same age and sex at birth, and is referred to as the BMI-for-age percentile. The presentation in the table uses the terms *Male* and *Female* to indicate sex assigned at birth, as this corresponds to the way BMI-for-age is defined. It does not reflect gender identity. The phrase *Males and Females* includes all students without exception. *Underweight* – BMI for age percentile < 5<sup>th</sup> percentile; *Healthy weight* – BMI for age percentile between 5<sup>th</sup> and 85<sup>th</sup> percentile; *Overweight* – BMI for age percentile between 85<sup>th</sup> and 95<sup>th</sup> percentile; *Obese* – BMI for age percentile ≥ 95<sup>th</sup> percentile.

\* Data is suppressed when there are fewer than 10 individuals in a cell. NA: Not Applicable (No students in a gender group were screened).

**Table 2. Body Mass Index Screening Results for Children in Grade 1 in Massachusetts School Districts, 2016-2017**

School District	Total number of students screened (N)	Males				Females				Males and Females
		Healthy Weight (%)	Over-weight (%)	Obese (%)	Overweight or Obese (%)	Healthy Weight (%)	Over-weight (%)	Obese (%)	Overweight or Obese (%)	Overweight or Obese (%), CI)
<b>TOTAL</b>	<b>59,829</b>	<b>67.7</b>	<b>14.1</b>	<b>14.4</b>	<b>28.4</b>	<b>69.2</b>	<b>13.5</b>	<b>13.4</b>	<b>26.9</b>	<b>27.7 (27.3-28.0)</b>
ABBY KELLEY FOSTER CS	111	32.7	28.8	38.5	67.3	61.0	*	*	39.0	52.3 (43.0-61.5)
ABINGTON	130	44.6	25.0	17.9	42.9	59.5	*	*	21.6	30.8 (22.8-38.7)
ACTON-BOXBOROUGH	303	79.4	10.0	6.9	16.9	80.4	*	*	14.0	15.5 (11.4-19.6)
ADAMS-CHESHIRE	86	75.7	*	*	*	65.3	*	*	32.7	27.9 (18.4-37.4)
ALMA DEL MAR CS	31	*	*	*	*	47.6	*	*	52.4	48.4 (30.8-66.0)
AMESBURY	165	87.6	*	*	12.4	84.2	*	*	13.2	12.7 (7.6-17.8)
AMHERST-PELHAM (REG + SU 26)	147	60.0	20.0	17.3	37.3	80.6	*	*	18.1	27.9 (20.6-35.1)
ANDOVER	416	74.4	11.0	11.4	22.4	79.7	11.2	5.6	16.8	19.7 (15.9-23.5)
ARLINGTON	401	90.4	*	*	6.6	88.7	*	*	5.4	6.0 (3.7-8.3)
ASHBURNHAM-WESTMINSTER	163	79.3	*	*	19.5	68.4	*	*	30.3	24.5 (17.9-31.1)
ASHLAND	183	79.8	*	*	16.9	76.6	*	*	20.2	18.6 (12.9-24.2)
ATLANTIS CS	106	95.7	*	*	*	81.7	*	*	*	*
ATTLEBORO	437	69.3	12.9	14.9	27.8	67.9	14.8	14.3	29.1	28.4 (24.1-32.6)
AUBURN	214	71.5	16.3	11.4	27.6	78.0	*	*	18.7	23.8 (18.1-29.5)
AVON	50	71.0	*	*	*	73.7	*	*	*	26.0 (13.8-38.2)
AYER SHIRLEY	126	74.1	*	*	24.1	67.6	14.7	17.6	32.4	28.6 (20.7-36.5)
BARNSTABLE	351	66.3	16.3	16.3	32.6	61.5	19.3	17.4	36.6	34.5 (29.5-39.4)
BEDFORD	203	82.8	*	*	14.1	85.6	*	*	12.5	13.3 (8.6-18.0)
BELCHERTOWN	155	69.1	*	*	29.6	71.6	*	*	25.7	27.7 (20.7-34.8)
BELLINGHAM	156	57.3	*	*	26.8	59.5	*	*	24.3	25.6 (18.8-32.5)
BELMONT	79	72.1	*	*	25.6	91.7	*	*	*	16.5 (8.3-24.6)

**Table 2. Body Mass Index Screening Results for Children in Grade 1 in Massachusetts School Districts, 2016-2017**

School District	Total number of students screened (N)	Males				Females				Males and Females
		Healthy Weight (%)	Over-weight (%)	Obese (%)	Overweight or Obese (%)	Healthy Weight (%)	Over-weight (%)	Obese (%)	Overweight or Obese (%)	Overweight or Obese (%), CI)
BENJAMIN BANNEKER CS	41	54.2	*	*	41.7	64.7	*	*	*	39.0 (24.1-54.0)
BENJAMIN FRANKLIN CS	50	77.8	*	*	*	78.3	*	*	*	20.0 (8.9-31.1)
BERKSHIRE HILLS	63	75.8	*	*	*	70.0	*	*	*	23.8 (13.3-34.3)
BERLIN-BOYLSTON (REG + SU 60)	32	76.5	*	*	*	93.3	*	*	*	*
BEVERLY	319	66.7	15.7	12.4	28.1	74.7	*	*	19.3	23.5 (18.9-28.2)
BI-COUNTY COLLAB (BICO)	*	NA	NA	NA	NA	*	*	*	*	*
BILLERICA	373	68.7	10.1	16.2	26.3	73.2	10.3	14.4	24.7	25.5 (21.0-29.9)
BLACKSTONE-MILLVILLE	159	57.9	*	*	25.3	62.5	*	*	25.0	25.2 (18.4-31.9)
BOSTON	3,037	62.2	14.0	20.1	34.1	62.9	14.6	18.9	33.5	33.8 (32.1-35.5)
BOSTON RENAISSANCE CS	137	56.5	15.9	15.9	31.9	58.8	*	*	26.5	29.2 (21.6-36.8)
BOURNE	145	77.8	*	*	19.4	83.6	*	*	16.4	17.9 (11.7-24.2)
BRAINTREE	438	71.4	13.4	13.4	26.8	67.8	16.8	13.6	30.4	28.5 (24.3-32.8)
BRIDGEWATER-RAYNHAM	358	61.3	22.7	14.9	37.6	62.1	19.2	16.4	35.6	36.6 (31.6-41.6)
BROCKTON	1,175	61.7	16.2	20.6	36.7	66.4	14.7	17.9	32.5	34.6 (31.9-37.4)
BROOKLINE	606	78.9	10.9	4.5	15.3	79.9	9.9	5.1	15.0	15.2 (12.3-18.0)
BURLINGTON	285	66.4	8.4	16.0	24.4	68.8	12.3	7.8	20.1	22.1 (17.3-26.9)
CAMBRIDGE	552	72.9	12.1	11.7	23.8	72.4	11.8	11.8	23.7	23.7 (20.2-27.3)
CANTON	222	28.0	60.7	10.3	71.0	67.8	18.3	10.4	28.7	49.1 (42.5-55.7)
CAPE COD COLLAB	*	*	*	*	*	NA	NA	NA	NA	*
CAPS ED COLLAB	*	*	*	*	*	*	*	*	*	*
CARVER	101	61.5	*	*	36.5	75.5	*	*	24.5	30.7 (21.7-39.7)
CENTRAL BERKSHIRE	88	68.2	*	*	29.5	79.5	*	*	*	25.0 (16.0-34.0)
CENTRAL MA SPED COLLAB	*	*	*	*	*	*	*	*	*	*

**Table 2. Body Mass Index Screening Results for Children in Grade 1 in Massachusetts School Districts, 2016-2017**

School District	Total number of students screened (N)	Males				Females				Males and Females
		Healthy Weight (%)	Over-weight (%)	Obese (%)	Overweight or Obese (%)	Healthy Weight (%)	Over-weight (%)	Obese (%)	Overweight or Obese (%)	Overweight or Obese (%), CI)
CHELMSFORD	344	72.1	13.7	10.5	24.2	73.4	*	*	20.1	22.4 (18.0-26.8)
CHELSEA	561	44.6	16.2	34.0	50.2	51.6	18.6	27.9	46.5	48.5 (44.3-52.6)
CHICOPEE	461	66.2	15.2	16.5	31.6	69.6	10.4	19.6	30.0	30.8 (26.6-35.0)
CLINTON	126	65.2	15.2	16.7	31.8	58.3	16.7	18.3	35.0	33.3 (25.1-41.6)
CODMAN ACADEMY CS	22	*	*	*	*	*	*	*	*	*
COHASSET	105	90.4	*	*	*	90.6	*	*	*	*
COMMUNITY DAY CS	50	65.2	*	*	*	44.4	*	*	40.7	38.0 (24.5-51.5)
CONCORD-CARLISLE	236	81.5	*	*	13.8	72.6	*	*	19.8	16.5 (11.8-21.3)
DANVERS	255	73.6	8.0	16.0	24.0	81.5	*	*	15.4	19.6 (14.7-24.5)
DARTMOUTH	237	66.2	13.8	13.1	26.9	62.6	12.1	20.6	32.7	29.5 (23.7-35.3)
DEDHAM	178	75.3	*	*	21.0	68.0	15.5	12.4	27.8	24.7 (18.4-31.1)
DENNIS-YARMOUTH	228	66.9	19.0	11.6	30.6	59.8	19.6	17.8	37.4	33.8 (27.6-39.9)
DIGHTON-REHOBOTH	198	85.6	*	*	13.4	81.2	*	*	17.8	15.7 (10.6-20.7)
DOUGLAS	99	82.0	*	*	*	81.6	*	*	*	17.2 (9.7-24.6)
DOVER-SHERBORN (REG + SU 50)	128	78.3	*	*	18.8	89.8	*	*	*	14.8 (8.7-21.0)
DRACUT	261	60.2	22.8	11.4	34.1	67.4	18.1	13.8	31.9	33.0 (27.2-38.7)
DUDLEY-CHARLTON	255	60.3	26.5	6.6	33.1	73.1	*	*	19.2	27.5 (22.0-32.9)
DUXBURY	202	74.3	*	*	21.8	80.2	*	*	15.8	18.8 (13.4-24.2)
EAST LONGMEADOW	177	53.7	30.5	11.6	42.1	76.8	*	*	23.2	33.3 (26.4-40.3)
EASTHAMPTON	80	79.5	*	*	*	77.8	*	*	*	18.8 (10.2-27.3)
EASTON	232	70.4	13.6	13.6	27.2	74.8	*	*	18.7	23.3 (17.8-28.7)
ERVING (SU 28)	59	76.5	*	*	*	80.0	*	*	*	20.3 (10.1-30.6)
EVERETT	467	52.8	19.7	24.0	43.8	52.6	21.8	25.2	47.0	45.4 (40.9-49.9)

**Table 2. Body Mass Index Screening Results for Children in Grade 1 in Massachusetts School Districts, 2016-2017**

School District	Total number of students screened (N)	Males				Females				Males and Females
		Healthy Weight (%)	Over-weight (%)	Obese (%)	Overweight or Obese (%)	Healthy Weight (%)	Over-weight (%)	Obese (%)	Overweight or Obese (%)	Overweight or Obese (%), CI)
FAIRHAVEN	160	70.5	14.8	11.4	26.1	66.7	*	*	27.8	26.9 (20.0-33.7)
FALL RIVER	811	53.0	14.5	18.9	33.4	52.8	13.8	17.3	31.2	32.3 (29.1-35.5)
FALMOUTH	256	72.7	14.9	10.7	25.6	66.7	19.3	11.1	30.4	28.1 (22.6-33.6)
FARMINGTON RIVER	12	*	*	*	*	*	*	*	*	*
FITCHBURG	416	56.4	16.8	23.3	40.1	57.5	18.2	20.6	38.8	39.4 (34.7-44.1)
FOXBOROUGH	143	76.3	*	*	15.8	74.6	*	*	22.4	18.9 (12.5-25.3)
FOXBOROUGH CS	118	65.5	*	*	34.5	66.7	*	*	28.6	31.4 (23.0-39.7)
FRAMINGHAM	559	60.6	19.5	16.0	35.5	66.8	16.2	15.2	31.4	33.5 (29.5-37.4)
FREETOWN-LAKEVILLE	205	73.2	13.4	12.4	25.8	71.3	13.0	14.8	27.8	26.8 (20.8-32.9)
FRONTIER (REG + SU 38)	107	60.0	*	*	34.0	78.9	*	*	19.3	26.2 (17.8-34.5)
GARDNER	158	72.1	*	*	22.1	73.3	*	*	20.0	20.9 (14.5-27.2)
GATEWAY	58	75.0	*	*	*	73.1	*	*	*	25.9 (14.6-37.1)
GEORGETOWN	97	77.4	*	*	*	77.3	*	*	*	16.5 (9.1-23.9)
GILL-MONTAGUE	80	66.7	*	*	28.2	53.7	*	*	46.3	37.5 (26.9-48.1)
GLOUCESTER	242	65.5	14.7	19.8	34.5	59.5	17.5	19.8	37.3	36.0 (29.9-42.0)
GRAFTON	196	77.4	*	*	18.3	72.8	*	*	23.5	20.4 (14.8-26.1)
GRANBY	45	73.1	*	*	*	68.4	*	*	*	28.9 (15.6-42.1)
GREENFIELD	120	58.5	*	*	41.5	68.7	*	*	26.9	33.3 (24.9-41.8)
GROTON-DUNSTABLE	128	78.3	*	*	16.7	79.4	*	*	19.1	18.0 (11.3-24.6)
HADLEY	35	75.0	*	*	*	66.7	*	*	*	28.6 (13.6-43.5)
HAMILTON-WENHAM	134	75.4	*	*	20.0	82.6	*	*	15.9	17.9 (11.4-24.4)
HAMPDEN-WILBRAHAM	175	75.8	11.0	12.1	23.1	67.9	17.9	11.9	29.8	26.3 (19.8-32.8)
HAMPSHIRE (REG + SU 66)	123	85.7	*	*	*	71.7	*	*	26.7	19.5 (12.5-26.5)

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School District	Total number of students screened (N)	Males				Females				Males and Females	
		Healthy Weight (%)	Over-weight (%)	Obese (%)	Overweight or Obese (%)	Healthy Weight (%)	Over-weight (%)	Obese (%)	Overweight or Obese (%)	Overweight or Obese (%), CI)	
HANOVER	186	77.9	*	*	19.8	74.0	11.0	11.0	22.0	21.0 (15.1-26.8)	
HARVARD	74	77.1	*	*	*	76.9	*	*	*	*	*
HATFIELD	19	*	*	*	*	*	*	*	*	*	*
HAVERHILL	494	55.0	16.3	25.8	42.1	55.9	20.9	20.5	41.3	41.7 (37.4-46.0)	
HILL VIEW MONTESSORI CS	23	*	*	*	*	*	*	*	*	*	*
HILLTOWN COOPERATIVE CS	20	*	*	*	*	*	*	*	*	*	*
HINGHAM	323	85.3	*	*	12.7	77.5	12.7	8.7	21.4	17.3 (13.2-21.5)	
HOLBROOK	100	75.5	*	*	24.5	68.1	*	*	29.8	27.0 (18.3-35.7)	
HOLLISTON	208	77.6	*	*	16.4	82.6	*	*	13.0	14.9 (10.1-19.7)	
HOLYOKE	204	68.0	10.0	19.0	29.0	69.2	11.5	16.3	27.9	28.4 (22.2-34.6)	
HOLYOKE COMMUNITY CS	79	60.6	*	*	39.4	60.9	*	*	39.1	39.2 (28.5-50.0)	
HOPEDALE	69	80.0	*	*	*	70.6	*	*	*	21.7 (12.0-31.5)	
HOPKINTON	224	84.3	*	*	13.9	88.8	*	*	9.5	11.6 (7.4-15.8)	
HUDSON	214	64.2	17.0	16.0	33.0	69.4	18.5	12.0	30.6	31.8 (25.5-38.0)	
HULL	55	71.0	*	*	*	75.0	*	*	*	21.8 (10.9-32.7)	
IPSWICH	123	71.4	*	*	27.0	81.7	*	*	18.3	22.8 (15.4-30.2)	
KING PHILIP	245	81.1	*	*	17.4	83.2	*	*	12.4	15.1 (10.6-19.6)	
KIPP ACADEMY BOSTON CS	200	58.0	21.0	21.0	42.0	54.0	17.0	26.0	43.0	42.5 (35.6-49.4)	
KIPP ACADEMY LYNN CS	120	56.3	25.0	18.8	43.8	62.5	*	*	37.5	40.8 (32.0-49.6)	
LABBB COLLAB	*	*	*	*	*	*	*	*	*	*	*
LAWRENCE	955	55.8	17.4	25.2	42.6	58.0	14.3	24.8	39.1	40.9 (37.8-44.1)	
LEE-TYRINGHAM	53	69.0	*	*	*	50.0	*	*	45.8	37.7 (24.7-50.8)	
LEICESTER	93	73.8	*	*	26.2	68.8	*	*	31.3	28.0 (18.8-37.1)	

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School District	Total number of students screened (N)	Males				Females				Males and Females
		Healthy Weight (%)	Over-weight (%)	Obese (%)	Overweight or Obese (%)	Healthy Weight (%)	Over-weight (%)	Obese (%)	Overweight or Obese (%)	Overweight or Obese (%), CI)
LENOX	52	78.3	*	*	*	58.6	*	*	37.9	30.8 (18.2-43.3)
LEOMINSTER	394	61.7	18.4	17.9	36.2	58.1	16.7	24.2	40.9	38.6 (33.8-43.4)
LEXINGTON	474	78.9	10.9	5.3	16.2	80.2	11.9	5.3	17.2	16.7 (13.3-20.0)
LINCOLN-SUDSBURY	397	86.8	7.4	5.3	12.7	80.3	9.6	5.3	14.9	13.9 (10.5-17.3)
LITTLETON	120	79.6	*	*	*	68.2	*	*	30.3	24.2 (16.5-31.8)
LONGMEADOW	170	72.0	*	*	24.0	77.1	*	*	22.9	23.5 (17.2-29.9)
LOWELL	1,098	63.6	15.4	18.9	34.3	64.1	13.8	18.0	31.9	33.2 (30.4-35.9)
LOWELL COLLEGIATE CS	109	61.2	*	*	36.7	63.3	*	*	33.3	34.9 (25.9-43.8)
LOWELL COMMUNITY CS	76	67.7	*	*	*	53.3	*	*	44.4	38.2 (27.2-49.1)
LUDLOW	150	63.9	15.3	13.9	29.2	66.7	16.7	15.4	32.1	30.7 (23.3-38.0)
LUNENBURG	115	76.7	*	*	16.7	76.4	*	*	20.0	18.3 (11.2-25.3)
LYNN	1,223	58.9	16.5	22.9	39.4	60.4	15.4	19.6	35.0	37.3 (34.6-40.0)
LYNNFIELD	173	70.1	*	*	25.3	76.7	*	*	22.1	23.7 (17.4-30.0)
MALDEN	441	61.9	10.0	18.4	28.5	47.5	15.8	24.3	40.1	33.8 (29.4-38.2)
MANCHESTER ESSEX	66	71.4	*	*	*	74.2	*	*	*	21.2 (11.3-31.1)
MANSFIELD	243	64.1	16.9	19.0	35.9	67.3	17.8	12.9	30.7	33.7 (27.8-39.7)
MARBLEHEAD	211	79.3	*	*	11.2	73.7	*	*	16.8	13.7 (9.1-18.4)
MARLBOROUGH	380	63.5	15.8	15.3	31.0	71.8	10.7	14.7	25.4	28.4 (23.9-33.0)
MARSHFIELD	271	80.2	7.9	11.1	19.0	86.9	*	*	13.1	15.9 (11.5-20.2)
MARTHA'S VINEYARD (REG + SU 19)	119	58.9	*	*	41.1	74.6	*	*	25.4	32.8 (24.3-41.2)
MARTHA'S VINEYARD CS	15	*	*	*	*	*	*	*	*	*
MARTIN LUTHER KING JR. CS OF EXCELLENCE	59	51.9	*	*	40.7	75.0	*	*	*	30.5 (18.8-42.3)
MASCONOMET (REG + TRI-TOWN SU 58)	272	77.3	10.7	10.0	20.7	81.1	*	*	14.8	18.0 (13.4-22.6)

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MASHPEE	126	56.3	25.4	15.5	40.8	76.4	*	*	21.8	32.5 (24.4-40.7)
MAYNARD	108	74.5	*	*	23.6	83.0	*	*	*	19.4 (12.0-26.9)
MEDFIELD	182	78.7	*	*	15.7	79.6	*	*	15.1	15.4 (10.1-20.6)
MEDFORD	256	59.1	18.2	18.9	37.1	59.7	16.1	21.8	37.9	37.5 (31.6-43.4)
MEDWAY	175	75.6	*	*	19.8	69.7	11.2	18.0	29.2	24.6 (18.2-30.9)
MELROSE	323	75.6	*	*	22.0	76.1	6.9	15.1	22.0	22.0 (17.5-26.5)
MENDON-UPTON	142	69.9	*	*	26.0	71.0	*	*	24.6	25.4 (18.2-32.5)
METHUEN	491	69.6	15.4	10.3	25.7	71.0	10.9	8.8	19.7	22.8 (19.1-26.5)
MIDDLEBOROUGH	196	66.0	12.3	15.1	27.4	68.9	*	*	27.8	27.6 (21.3-33.8)
MILFORD	302	60.4	17.4	15.4	32.9	66.0	14.4	15.0	29.4	31.1 (25.9-36.3)
MILLBURY	126	67.9	*	*	30.9	66.7	*	*	33.3	31.7 (23.6-39.9)
MILLIS	82	61.8	*	*	38.2	64.6	*	*	33.3	35.4 (25.0-45.7)
MILTON	334	81.2	*	*	15.9	79.9	8.5	7.3	15.9	15.9 (11.9-19.8)
MOHAWK TRAIL	88	67.5	*	*	25.0	68.8	*	*	25.0	25.0 (16.0-34.0)
MONOMOY	135	75.0	*	*	25.0	71.2	*	*	28.8	26.7 (19.2-34.1)
MONSON	76	85.7	*	*	*	73.2	*	*	26.8	21.1 (11.9-30.2)
MOUNT GREYLOCK	88	84.3	*	*	*	78.4	*	*	*	14.8 (7.4-22.2)
MYSTIC VALLEY CS	119	64.5	*	*	24.2	68.4	*	*	28.1	26.1 (18.2-33.9)
NANTUCKET	117	66.2	18.5	15.4	33.8	57.7	19.2	21.2	40.4	36.8 (28.0-45.5)
NARRAGANSETT	97	67.9	*	*	30.4	63.4	*	*	34.1	32.0 (22.7-41.2)
NASHOBA	232	78.6	*	*	15.1	79.2	*	*	17.0	15.9 (11.2-20.7)
NATICK	422	73.9	12.8	6.6	19.4	75.4	15.6	5.7	21.3	20.4 (16.5-24.2)
NAUSET (REG + SU 54)	154	70.1	*	*	27.3	67.5	15.6	15.6	31.2	29.2 (22.0-36.4)

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		Healthy Weight (%)	Over-weight (%)	Obese (%)	Overweight or Obese (%)	Healthy Weight (%)	Over-weight (%)	Obese (%)	Overweight or Obese (%)	Overweight or Obese (%), CI)
NEEDHAM	441	73.4	8.5	5.0	13.6	78.1	*	*	8.7	10.9 (8.0-13.8)
NEIGHBORHOOD HOUSE CS	39	64.7	*	*	*	77.3	*	*	*	28.2 (14.1-42.3)
NEW BEDFORD	1,141	56.5	18.1	23.6	41.7	56.4	14.4	26.4	40.8	41.3 (38.4-44.1)
NEWBURYPORT	98	74.2	*	*	24.2	59.4	*	*	31.3	26.5 (17.8-35.3)
NEWTON	905	77.3	11.3	7.6	18.8	81.7	10.2	4.3	14.4	16.7 (14.3-19.1)
NORTH ADAMS	107	63.6	*	*	36.4	50.0	28.8	21.2	50.0	43.0 (33.6-52.4)
NORTH ANDOVER	328	75.3	7.8	12.0	19.9	75.3	11.7	7.4	19.1	19.5 (15.2-23.8)
NORTH ATTLEBOROUGH	307	69.7	14.5	15.2	29.7	69.7	12.7	14.1	26.8	28.3 (23.3-33.4)
NORTH BROOKFIELD	33	73.7	*	*	*	85.7	*	*	*	*
NORTH READING	166	78.7	*	*	20.2	71.4	*	*	24.7	22.3 (16.0-28.6)
NORTH RIVER COLLAB	*	*	*	*	*	*	*	*	*	*
NORTHAMPTON	157	77.5	*	*	22.5	74.0	*	*	23.4	22.9 (16.4-29.5)
NORTHBORO-SOUTHBORO (REG + SU 3)	307	72.7	16.4	6.7	23.0	83.1	*	*	12.7	18.2 (13.9-22.6)
NORTHBRIDGE	156	69.6	*	*	21.7	70.1	*	*	21.8	21.8 (15.3-28.3)
NORTHSORE EDUCATION CONSORTIUM	*	*	*	*	*	NA	NA	NA	NA	*
NORTON	148	63.4	*	*	31.7	68.2	*	*	25.8	29.1 (21.7-36.4)
NORWELL	152	74.1	*	*	21.0	80.3	*	*	15.5	18.4 (12.3-24.6)
NORWOOD	285	74.0	14.4	9.6	24.0	66.2	18.7	12.2	30.9	27.4 (22.2-32.5)
OLD ROCHESTER (REG + SU 55)	179	77.1	*	*	16.9	84.4	*	*	15.6	16.2 (10.8-21.6)
OXFORD	126	63.6	18.2	15.2	33.3	73.3	*	*	25.0	29.4 (21.4-37.3)
PALMER	95	61.2	*	*	38.8	63.0	*	*	32.6	35.8 (26.1-45.4)
PEABODY	386	66.9	13.5	16.3	29.8	65.4	12.5	17.8	30.3	30.1 (25.5-34.6)
PEMBROKE	206	77.5	*	*	20.6	76.9	*	*	18.3	19.4 (14.0-24.8)

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		Healthy Weight (%)	Over-weight (%)	Obese (%)	Overweight or Obese (%)	Healthy Weight (%)	Over-weight (%)	Obese (%)	Overweight or Obese (%)	Overweight or Obese (%), CI)
PENTUCKET	169	76.7	*	*	16.3	74.7	*	*	22.9	19.5 (13.6-25.5)
PIONEER CS OF SCIENCE I	66	52.9	*	*	47.1	50.0	*	*	43.8	45.5 (33.4-57.5)
PIONEER VALLEY	54	78.6	*	*	*	69.2	*	*	*	24.1 (12.7-35.5)
PITTSFIELD	360	67.4	15.3	13.7	28.9	65.9	12.4	17.6	30.0	29.4 (24.7-34.2)
PLYMOUTH	489	71.1	11.3	13.8	25.1	70.4	12.0	13.6	25.6	25.4 (21.5-29.2)
QUABBIN	141	63.6	*	*	31.8	64.0	*	*	32.0	31.9 (24.2-39.6)
QUABOAG	89	55.8	*	*	41.9	58.7	*	*	34.8	38.2 (28.1-48.3)
QUINCY	695	66.0	13.2	15.6	28.8	73.6	12.4	8.8	21.2	25.2 (22.0-28.4)
RALPH C MAHAR	94	69.4	*	*	26.5	75.6	*	*	24.4	25.5 (16.7-34.3)
READING	329	75.7	9.4	11.6	21.0	83.8	*	*	15.5	18.5 (14.3-22.7)
READS COLLAB	*	*	*	*	*	NA	NA	NA	NA	* *
REVERE	538	55.8	17.8	23.9	41.7	61.1	18.7	17.2	35.9	38.8 (34.7-43.0)
RIVER VALLEY CS	32	*	*	*	*	72.2	*	*	*	* *
ROCKLAND	176	68.1	16.5	13.2	29.7	70.6	*	*	28.2	29.0 (22.3-35.7)
ROCKPORT	70	85.3	*	*	*	69.4	*	*	27.8	20.0 (10.6-29.4)
SALEM	351	64.1	18.0	16.8	34.7	63.0	15.2	19.6	34.8	34.8 (29.8-39.7)
SANDWICH	214	77.1	*	*	20.2	78.1	10.5	10.5	21.0	20.6 (15.1-26.0)
SCITUATE	190	78.7	*	*	18.5	82.9	*	*	14.6	16.8 (11.5-22.2)
SEEKONK	137	63.6	*	*	24.2	64.8	*	*	25.4	24.8 (17.6-32.1)
SHAKER MOUNTAIN (SU 70)	19	*	*	*	*	*	*	*	*	* *
SHARON	219	77.7	*	*	16.1	81.3	*	*	15.0	15.5 (10.7-20.3)
SHREWSBURY	396	70.8	13.4	10.4	23.8	73.7	11.3	8.8	20.1	22.0 (17.9-26.0)
SILVER LAKE (REG + SU 31)	267	81.9	8.0	8.0	15.9	76.0	15.5	8.5	24.0	19.9 (15.1-24.6)

**Table 2. Body Mass Index Screening Results for Children in Grade 1 in Massachusetts School Districts, 2016-2017**

School District	Total number of students screened (N)	Males				Females				Males and Females
		Healthy Weight (%)	Over-weight (%)	Obese (%)	Overweight or Obese (%)	Healthy Weight (%)	Over-weight (%)	Obese (%)	Overweight or Obese (%)	Overweight or Obese (%), CI)
SOMERSET BERKLEY	195	65.9	14.3	12.1	26.4	72.1	12.5	9.6	22.1	24.1 (18.1-30.1)
SOMERVILLE	423	63.1	15.6	19.6	35.1	65.2	13.6	17.2	30.8	33.1 (28.6-37.6)
SOUTH HADLEY	128	67.1	*	*	28.6	79.3	*	*	*	22.7 (15.4-29.9)
SOUTH SHORE CS	53	65.5	*	*	34.5	79.2	*	*	*	28.3 (16.2-40.4)
SOUTH SHORE ED COLLAB	17	*	*	*	*	*	*	*	*	*
SOUTHBIDGE	139	61.6	13.7	20.5	34.2	71.2	*	*	27.3	30.9 (23.3-38.6)
SOUTHERN BERKSHIRE	50	74.1	*	*	*	78.3	*	*	*	24.0 (12.2-35.8)
SOUTHWICK-TOLLAND-GRANVILLE	107	70.7	*	*	27.6	59.2	*	*	32.7	29.9 (21.2-38.6)
SPENCER-E BROOKFIELD	95	59.0	*	*	30.8	64.3	*	*	35.7	33.7 (24.2-43.2)
SPRINGFIELD	1,711	56.7	15.6	20.1	35.7	60.4	16.8	19.4	36.1	35.9 (33.6-38.2)
SPRINGFIELD PREPARATORY CS	53	56.0	*	*	44.0	64.3	*	*	35.7	39.6 (26.5-52.8)
STONEHAM	177	72.3	*	*	26.7	81.6	*	*	15.8	22.0 (15.9-28.1)
STOUGHTON	249	63.8	21.7	13.0	34.8	74.8	*	*	24.3	30.1 (24.4-35.8)
SUTTON	93	66.7	*	*	28.6	84.3	*	*	*	19.4 (11.3-27.4)
SWANSEA	130	66.2	*	*	32.4	62.9	*	*	33.9	33.1 (25.0-41.2)
TANTASQUA (REG + SU 61)	219	81.7	*	*	15.0	67.7	16.2	10.1	26.3	20.1 (14.8-25.4)
TAUNTON	594	62.1	15.4	18.5	33.9	67.3	14.9	15.3	30.2	32.2 (28.4-35.9)
TEWKSBURY	230	70.4	12.0	15.2	27.2	79.0	*	*	18.1	23.0 (17.6-28.5)
THE EDUCATION COOPERATIVE (TEC)	*	*	*	*	*	*	*	*	*	*
TRITON	167	73.8	*	*	23.8	62.7	*	*	30.1	26.9 (20.2-33.7)
TYNGSBOROUGH	122	70.9	*	*	25.5	65.7	*	*	26.9	26.2 (18.4-34.0)
UXBRIDGE	127	71.4	*	*	27.1	68.4	*	*	29.8	28.3 (20.5-36.2)
WACHUSETT	466	76.7	11.6	8.2	19.8	77.8	11.1	6.8	17.9	18.9 (15.3-22.4)

**Table 2. Body Mass Index Screening Results for Children in Grade 1 in Massachusetts School Districts, 2016-2017**

School District	Total number of students screened (N)	Males				Females				Males and Females
		Healthy Weight (%)	Over-weight (%)	Obese (%)	Overweight or Obese (%)	Healthy Weight (%)	Over-weight (%)	Obese (%)	Overweight or Obese (%)	Overweight or Obese (%), CI)
WAKEFIELD	258	72.7	14.4	9.1	23.5	69.8	15.1	9.5	24.6	24.0 (18.8-29.2)
WALPOLE	239	76.7	11.6	9.3	20.9	80.0	*	*	14.5	18.0 (13.1-22.9)
WALTHAM	396	63.5	13.2	21.9	35.2	66.1	14.1	16.9	31.1	33.3 (28.7-38.0)
WARE	89	69.4	*	*	30.6	52.5	*	*	45.0	37.1 (27.0-47.1)
WAREHAM	211	66.1	13.4	17.9	31.3	61.6	15.2	22.2	37.4	34.1 (27.7-40.5)
WATERTOWN	192	84.8	*	*	14.1	80.0	*	*	19.0	16.7 (11.4-21.9)
WAYLAND	182	78.6	*	*	11.7	88.6	*	*	*	9.3 (5.1-13.6)
WEBSTER	149	60.5	18.4	17.1	35.5	61.6	17.8	16.4	34.2	34.9 (27.2-42.6)
WELLESLEY	344	82.4	9.1	5.9	15.0	87.3	*	*	9.6	12.5 (9.0-16.0)
WEST BRIDGEWATER	79	77.5	*	*	*	84.6	*	*	*	16.5 (8.3-24.6)
WEST SPRINGFIELD	287	68.3	18.7	10.1	28.8	66.2	19.6	12.8	32.4	30.7 (25.3-36.0)
WESTBOROUGH	273	72.1	12.2	9.5	21.8	81.0	*	*	15.1	18.7 (14.1-23.3)
WESTFIELD	301	71.4	12.4	13.0	25.5	72.9	10.7	12.9	23.6	24.6 (19.7-29.4)
WESTFORD	265	79.8	*	*	12.4	72.1	*	*	14.7	13.6 (9.5-17.7)
WESTON	128	91.5	*	*	*	89.9	*	*	*	*
WESTPORT	117	59.4	21.7	18.8	40.6	64.6	*	*	31.3	36.8 (28.0-45.5)
WESTWOOD	202	78.0	*	*	14.7	83.9	*	*	14.0	14.4 (9.5-19.2)
WEYMOUTH	302	81.6	*	*	14.7	59.0	22.9	13.3	36.1	26.5 (21.5-31.5)
WILMINGTON	251	69.6	14.4	16.0	30.4	65.9	14.3	18.3	32.5	31.5 (25.7-37.2)
WINCHESTER	331	77.3	*	*	19.5	80.2	*	*	15.8	17.5 (13.4-21.6)
WINTHROP	145	75.0	*	*	21.9	60.5	17.3	17.3	34.6	29.0 (21.6-36.3)
WOBURN	344	58.9	18.9	20.6	39.4	62.7	20.1	13.0	33.1	36.3 (31.3-41.4)
WORCESTER	1,692	58.7	15.9	19.9	35.8	61.4	17.2	15.2	32.4	34.1 (31.8-36.4)

**Table 2. Body Mass Index Screening Results for Children in Grade 1 in Massachusetts School Districts, 2016-2017**

School District	Total number of students screened (N)	Males				Females				Males and Females Overweight or Obese (%, CI)
		Healthy Weight (%)	Over-weight (%)	Obese (%)	Overweight or Obese (%)	Healthy Weight (%)	Over-weight (%)	Obese (%)	Overweight or Obese (%)	

Notes: Data that did not pass data quality tests were excluded from the analysis. For more information, please reference the *Methods* section of this report. *CI* = 95% confidence interval. In children and teens, BMI level is expressed relative to other children of the same age and sex at birth, and is referred to as the BMI-for-age percentile. The presentation in the table uses the terms *Male* and *Female* to indicate sex assigned at birth, as this corresponds to the way BMI-for-age is defined. It does not reflect gender identity. The phrase *Males and Females* includes all students without exception. *Underweight* – BMI for age percentile < 5<sup>th</sup> percentile; *Healthy weight* – BMI for age percentile between 5<sup>th</sup> and 85<sup>th</sup> percentile; *Overweight* – BMI for age percentile between 85<sup>th</sup> and 95<sup>th</sup> percentile; *Obese* – BMI for age percentile ≥ 95<sup>th</sup> percentile.

\* Data is suppressed when there are fewer than 10 individuals in a cell. NA: Not Applicable (No students in a gender group were screened).

**Table 3. Body Mass Index Screening Results for Children in Grade 4 in Massachusetts School Districts, 2016-2017**

School District	Total number of students screened (N)	Males				Females				Males and Females
		Healthy Weight (%)	Over-weight (%)	Obese (%)	Overweight or Obese (%)	Healthy Weight (%)	Over-weight (%)	Obese (%)	Overweight or Obese (%)	Overweight or Obese (%), CI)
<b>TOTAL</b>	<b>62,728</b>	<b>61.6</b>	<b>16.6</b>	<b>19.2</b>	<b>35.7</b>	<b>64.2</b>	<b>16.0</b>	<b>16.5</b>	<b>32.5</b>	<b>34.1 (33.8-34.5)</b>
ABBY KELLEY FOSTER CS	117	54.5	*	*	43.6	50.0	16.1	30.6	46.8	45.3 (36.3-54.3)
ABINGTON	148	57.9	18.4	18.4	36.8	44.4	15.3	26.4	41.7	39.2 (31.3-47.1)
ACTON-BOXBOROUGH	395	73.3	9.9	12.6	22.5	77.0	12.7	8.3	21.1	21.8 (17.7-25.8)
ADAMS-CHESHIRE	83	41.5	*	*	56.1	61.9	*	*	38.1	47.0 (36.3-57.7)
ALMA DEL MAR CS	40	76.5	*	*	*	43.5	*	*	52.2	37.5 (22.5-52.5)
AMESBURY	167	73.8	*	*	23.8	70.1	*	*	24.1	24.0 (17.5-30.4)
AMHERST-PELHAM (REG + SU 26)	189	63.1	18.4	17.5	35.9	81.4	*	*	17.4	27.5 (21.1-33.9)
ANDOVER	446	72.2	17.7	5.6	23.4	76.8	12.1	5.6	17.7	20.9 (17.1-24.6)
ARLINGTON	410	87.1	*	*	9.0	89.0	*	*	7.2	8.0 (5.4-10.7)
ASHBURNHAM-WESTMINSTER	172	61.1	18.9	20.0	38.9	62.2	23.2	14.6	37.8	38.4 (31.1-45.6)
ASHLAND	202	78.8	*	*	21.2	65.0	17.5	16.5	34.0	27.7 (21.5-33.9)
ATLANTIS CS	100	70.8	*	*	29.2	86.5	*	*	*	16.0 (8.8-23.2)
ATTLEBORO	444	53.1	21.2	22.8	44.0	58.6	22.2	15.8	37.9	41.2 (36.6-45.8)
AUBURN	172	61.4	22.9	12.0	34.9	64.0	16.9	19.1	36.0	35.5 (28.3-42.6)
AVON	55	66.7	*	*	*	54.8	*	*	45.2	40.0 (27.1-52.9)
AYER SHIRLEY	157	59.3	21.0	16.0	37.0	60.5	*	*	38.2	37.6 (30.0-45.2)
BARNSTABLE	450	61.6	18.3	18.3	36.5	58.9	20.8	19.0	39.8	38.2 (33.7-42.7)
BEDFORD	189	70.2	18.3	10.6	28.8	71.8	*	*	21.2	25.4 (19.2-31.6)
BELCHERTOWN	182	61.8	21.6	13.7	35.3	73.8	*	*	25.0	30.8 (24.1-37.5)
BELLINGHAM	175	61.9	20.2	15.5	35.7	72.5	*	*	24.2	29.7 (22.9-36.5)
BELMONT	118	71.0	*	*	27.5	87.8	*	*	*	20.3 (13.1-27.6)
BENJAMIN BANNEKER CS	57	31.3	*	*	68.8	52.0	*	*	48.0	59.6 (46.9-72.4)

**Table 3. Body Mass Index Screening Results for Children in Grade 4 in Massachusetts School Districts, 2016-2017**

School District	Total number of students screened (N)	Males				Females				Males and Females	
		Healthy Weight (%)	Over-weight (%)	Obese (%)	Overweight or Obese (%)	Healthy Weight (%)	Over-weight (%)	Obese (%)	Overweight or Obese (%)	Overweight or Obese (%), CI)	
BENJAMIN FRANKLIN CS	50	60.0	*	*	*	70.0	*	*	*	34.0 (20.9-47.1)	
BERKSHIRE HILLS	64	72.2	*	*	*	67.9	*	*	*	25.0 (14.4-35.6)	
BERLIN-BOYLSTON (REG + SU 60)	28	*	*	*	*	66.7	*	*	*	*	*
BEVERLY	372	56.2	20.0	20.5	40.5	61.0	18.7	16.6	35.3	37.9 (33.0-42.8)	
BI-COUNTY COLLAB (BICO)	*	*	*	*	*	*	*	*	*	*	*
BILLERICA	397	60.3	16.6	22.1	38.7	64.6	15.7	17.7	33.3	36.0 (31.3-40.7)	
BLACKSTONE-MILLVILLE	129	65.5	*	*	30.9	63.5	*	*	29.7	30.2 (22.3-38.2)	
BOSTON	3,157	55.0	15.4	26.9	42.4	53.6	17.8	26.0	43.8	43.1 (41.4-44.8)	
BOSTON RENAISSANCE CS	115	49.1	25.5	23.6	49.1	66.7	*	*	33.3	40.9 (31.9-49.9)	
BOURNE	147	80.3	*	*	18.4	71.8	*	*	25.4	21.8 (15.1-28.4)	
BRAINTREE	476	64.3	15.4	16.2	31.5	74.0	12.8	9.4	22.1	26.9 (22.9-30.9)	
BRIDGEWATER-RAYNHAM	452	58.8	16.7	23.3	40.0	63.2	16.5	17.5	34.0	37.2 (32.7-41.6)	
BROCKTON	1,142	54.5	19.8	23.4	43.1	60.6	16.7	20.3	37.0	40.2 (37.3-43.0)	
BROOKLINE	635	73.6	13.7	8.6	22.3	76.6	10.0	6.9	16.8	19.5 (16.4-22.6)	
BURLINGTON	269	60.8	21.5	14.6	36.2	69.8	15.1	13.7	28.8	32.3 (26.8-37.9)	
CAMBRIDGE	476	66.5	14.8	15.3	30.1	70.4	15.0	11.7	26.7	28.4 (24.3-32.4)	
CANTON	241	46.6	35.3	18.1	53.4	72.8	*	*	23.2	37.8 (31.6-43.9)	
CAPE COD COLLAB	10	*	*	*	*	*	*	*	*	*	*
CAPS ED COLLAB	*	*	*	*	*	*	*	*	*	*	*
CARVER	111	69.4	*	*	25.8	63.3	*	*	28.6	27.0 (18.8-35.3)	
CENTRAL BERKSHIRE	111	78.1	*	*	21.9	59.6	*	*	40.4	29.7 (21.2-38.2)	
CENTRAL MA SPED COLLAB	17	*	*	*	*	*	*	*	*	*	*
CHELMSFORD	355	64.0	22.3	12.8	35.1	68.8	18.8	8.3	27.1	31.8 (27.0-36.7)	

**Table 3. Body Mass Index Screening Results for Children in Grade 4 in Massachusetts School Districts, 2016-2017**

School District	Total number of students screened (N)	Males				Females				Males and Females
		Healthy Weight (%)	Over-weight (%)	Obese (%)	Overweight or Obese (%)	Healthy Weight (%)	Over-weight (%)	Obese (%)	Overweight or Obese (%)	Overweight or Obese (%), CI)
CHELSEA	540	41.4	19.0	38.4	57.4	41.5	18.8	37.5	56.3	56.9 (52.7-61.0)
CHICOPEE	496	58.0	15.1	23.9	39.1	53.5	17.4	23.6	41.1	40.1 (35.8-44.4)
CLINTON	164	56.7	17.5	23.7	41.2	59.7	*	*	34.3	38.4 (31.0-45.9)
CODMAN ACADEMY CS	19	*	*	*	*	*	*	*	*	*
COHASSET	126	81.9	*	*	18.1	83.3	*	*	*	17.5 (10.8-24.1)
COMMUNITY DAY CS	45	45.8	*	*	54.2	66.7	*	*	*	42.2 (27.8-56.7)
CONCORD-CARLISLE	233	74.2	*	*	20.2	80.7	*	*	11.9	16.3 (11.6-21.1)
DANVERS	264	66.2	15.4	16.9	32.4	68.0	13.3	15.6	28.9	30.7 (25.1-36.2)
DARTMOUTH	289	56.4	13.3	23.6	37.0	64.5	13.7	17.7	31.5	34.6 (29.1-40.1)
DEDHAM	236	59.0	22.2	17.9	40.2	65.5	19.3	11.8	31.1	35.6 (29.5-41.7)
DENNIS-YARMOUTH	203	60.8	16.5	18.6	35.1	73.6	12.3	12.3	24.5	29.6 (23.3-35.8)
DIGTON-REHOBOTH	217	72.4	10.5	17.1	27.6	80.4	*	*	18.8	23.0 (17.4-28.6)
DOUGLAS	97	73.2	*	*	26.8	60.7	*	*	39.3	34.0 (24.6-43.4)
DOVER-SHERBORN (REG + SU 50)	173	82.2	*	*	17.8	81.9	*	*	16.7	17.3 (11.7-23.0)
DRACUT	307	60.9	16.8	21.7	38.5	57.5	19.2	20.5	39.7	39.1 (33.6-44.5)
DUDLEY-CHARLTON	278	56.1	20.3	19.6	39.9	66.9	11.5	16.9	28.5	34.5 (28.9-40.1)
DUXBURY	243	73.0	11.7	10.8	22.5	69.7	*	*	25.0	23.9 (18.5-29.2)
EAST LONGMEADOW	183	66.3	19.6	14.1	33.7	63.7	14.3	17.6	31.9	32.8 (26.0-39.6)
EASTHAMPTON	70	56.3	*	*	43.8	63.2	*	*	36.8	40.0 (28.5-51.5)
EASTON	290	62.2	19.6	15.4	35.0	55.1	17.7	23.1	40.8	37.9 (32.3-43.5)
ERVING (SU 28)	76	61.8	*	*	38.2	52.4	*	*	38.1	38.2 (27.2-49.1)
EVERETT	575	35.4	32.9	29.3	62.2	53.4	18.2	25.5	43.7	54.3 (50.2-58.3)
FAIRHAVEN	147	53.3	18.7	28.0	46.7	58.3	13.9	23.6	37.5	42.2 (34.2-50.2)

**Table 3. Body Mass Index Screening Results for Children in Grade 4 in Massachusetts School Districts, 2016-2017**

School District	Total number of students screened (N)	Males				Females				Males and Females
		Healthy Weight (%)	Over-weight (%)	Obese (%)	Overweight or Obese (%)	Healthy Weight (%)	Over-weight (%)	Obese (%)	Overweight or Obese (%)	Overweight or Obese (%), CI)
FALL RIVER	816	46.2	15.3	26.6	42.0	47.4	16.9	24.9	41.9	41.9 (38.5-45.3)
FALMOUTH	278	64.6	12.5	22.2	34.7	67.2	16.4	14.9	31.3	33.1 (27.6-38.6)
FARMINGTON RIVER	17	*	*	*	*	*	*	*	*	*
FITCHBURG	381	52.7	18.8	25.3	44.1	60.0	16.9	21.0	37.9	40.9 (36.0-45.9)
FOXBOROUGH	193	69.7	13.8	12.8	26.6	71.4	*	*	25.0	25.9 (19.7-32.1)
FOXBOROUGH CS	113	34.0	*	*	60.0	57.1	*	*	41.3	49.6 (40.3-58.8)
FRAMINGHAM	587	60.6	14.9	20.4	35.3	61.7	16.1	19.8	35.9	35.6 (31.7-39.5)
FREETOWN-LAKEVILLE	203	60.9	25.0	14.1	39.1	67.6	18.0	14.4	32.4	35.5 (28.9-42.0)
FRONTIER (REG + SU 38)	112	70.0	*	*	25.0	59.6	*	*	30.8	27.7 (19.4-36.0)
GARDNER	196	68.6	12.7	15.7	28.4	68.1	18.1	12.8	30.9	29.6 (23.2-36.0)
GATEWAY	72	80.0	*	*	*	67.6	*	*	29.7	23.6 (13.8-33.4)
GEORGETOWN	90	78.9	*	*	*	69.2	*	*	26.9	24.4 (15.6-33.3)
GILL-MONTAGUE	62	67.9	*	*	*	47.1	*	*	47.1	40.3 (28.1-52.5)
GLOUCESTER	205	53.3	16.7	24.4	41.1	60.9	18.3	18.3	36.5	38.5 (31.9-45.2)
GRAFTON	261	66.4	15.3	17.5	32.8	73.4	16.9	9.7	26.6	29.9 (24.3-35.4)
GRANBY	49	43.3	*	*	56.7	63.2	*	*	*	49.0 (35.0-63.0)
GREENFIELD	133	55.1	14.5	24.6	39.1	57.8	15.6	21.9	37.5	38.3 (30.1-46.6)
GROTON-DUNSTABLE	154	74.1	*	*	23.5	75.3	*	*	23.3	23.4 (16.7-30.1)
HADLEY	40	45.5	*	*	54.5	72.2	*	*	*	40.0 (24.8-55.2)
HAMILTON-WENHAM	124	83.1	*	*	16.9	88.1	*	*	*	14.5 (8.3-20.7)
HAMPDEN-WILBRAHAM	208	65.7	14.7	18.6	33.3	74.5	12.3	13.2	25.5	29.3 (23.1-35.5)
HAMPSHIRE (REG + SU 66)	138	68.0	*	*	29.3	54.0	19.0	27.0	46.0	37.0 (28.9-45.0)
HANOVER	205	64.2	15.8	15.8	31.6	79.1	10.9	9.1	20.0	25.4 (19.4-31.3)

**Table 3. Body Mass Index Screening Results for Children in Grade 4 in Massachusetts School Districts, 2016-2017**

School District	Total number of students screened (N)	Males				Females				Males and Females	
		Healthy Weight (%)	Over-weight (%)	Obese (%)	Overweight or Obese (%)	Healthy Weight (%)	Over-weight (%)	Obese (%)	Overweight or Obese (%)	Overweight or Obese (%), CI)	
HARVARD	91	79.6	*	*	*	78.6	*	*	*	11.0 (4.6-17.4)	
HATFIELD	40	71.4	*	*	*	84.2	*	*	*	*	*
HAVERHILL	511	49.8	17.5	31.2	48.7	58.7	16.9	22.7	39.7	44.4 (40.1-48.7)	
HILL VIEW MONTESSORI CS	32	*	*	*	*	70.8	*	*	*	*	*
HILLTOWN COOPERATIVE CS	21	*	*	*	*	*	*	*	*	*	*
HINGHAM	326	77.9	10.4	11.0	21.5	76.7	13.5	7.4	20.9	21.2 (16.7-25.6)	
HOLBROOK	62	66.7	*	*	*	68.6	*	*	*	27.4 (16.3-38.5)	
HOLLISTON	228	73.8	11.9	9.5	21.4	77.5	*	*	21.6	21.5 (16.2-26.8)	
HOLYOKE	144	62.1	*	*	28.8	64.1	12.8	19.2	32.1	30.6 (23.0-38.1)	
HOLYOKE COMMUNITY CS	81	58.5	*	*	41.5	65.0	*	*	32.5	37.0 (26.5-47.6)	
HOPEDALE	77	61.4	*	*	34.1	66.7	*	*	33.3	33.8 (23.2-44.3)	
HOPKINTON	265	64.9	20.9	9.0	29.9	79.4	*	*	16.0	23.0 (18.0-28.1)	
HUDSON	225	56.7	17.3	24.0	41.3	65.3	17.4	15.7	33.1	36.9 (30.6-43.2)	
HULL	54	56.5	*	*	43.5	80.6	*	*	*	27.8 (15.8-39.7)	
IPSWICH	126	66.1	16.1	17.7	33.9	73.4	*	*	26.6	30.2 (22.1-38.2)	
KING PHILIP	248	72.4	14.2	9.7	23.9	77.2	8.8	8.8	17.5	21.0 (15.9-26.0)	
LABBB COLLAB	*	*	*	*	*	*	*	*	*	*	*
LAWRENCE	969	48.0	17.7	31.4	49.1	50.8	19.5	27.4	46.9	48.0 (44.8-51.1)	
LEE-TYRINGHAM	37	*	*	*	*	61.5	*	*	*	*	*
LEICESTER	102	50.8	16.4	31.1	47.5	63.4	*	*	34.1	42.2 (32.6-51.7)	
LENOX	49	50.0	*	*	50.0	76.2	*	*	*	38.8 (25.1-52.4)	
LEOMINSTER	447	57.0	16.8	22.0	38.8	58.4	15.5	24.5	39.9	39.4 (34.8-43.9)	
LEXINGTON	557	78.0	14.0	6.1	20.1	81.2	*	*	14.0	16.9 (13.8-20.0)	

**Table 3. Body Mass Index Screening Results for Children in Grade 4 in Massachusetts School Districts, 2016-2017**

School District	Total number of students screened (N)	Males				Females				Males and Females
		Healthy Weight (%)	Over-weight (%)	Obese (%)	Overweight or Obese (%)	Healthy Weight (%)	Over-weight (%)	Obese (%)	Overweight or Obese (%)	Overweight or Obese (%), CI)
LINCOLN-SUDBURY	425	71.2	14.2	11.3	25.5	77.0	11.3	8.9	20.2	22.8 (18.8-26.8)
LITTLETON	117	61.9	19.0	15.9	34.9	64.8	*	*	27.8	31.6 (23.2-40.0)
LONGMEADOW	168	74.7	*	*	22.9	69.4	*	*	27.1	25.0 (18.5-31.5)
LOWELL	1,188	55.8	14.4	27.1	41.5	58.0	17.6	21.0	38.6	40.2 (37.4-42.9)
LOWELL COLLEGIATE CS	87	70.5	*	*	29.5	60.5	*	*	39.5	34.5 (24.5-44.5)
LOWELL COMMUNITY CS	78	48.9	22.2	26.7	48.9	69.7	*	*	*	39.7 (28.9-50.6)
LUDLOW	180	57.3	20.4	21.4	41.7	74.0	*	*	22.1	33.3 (26.4-40.2)
LUNENBURG	124	60.7	*	*	32.8	65.1	*	*	31.7	32.3 (24.0-40.5)
LYNN	1,259	48.8	21.2	27.5	48.8	56.3	18.1	22.5	40.6	44.8 (42.1-47.5)
LYNNFIELD	163	72.4	*	*	27.6	80.3	*	*	18.4	23.3 (16.8-29.8)
MALDEN	544	59.9	16.0	22.3	38.3	52.7	17.5	24.7	42.2	40.3 (36.1-44.4)
MANCHESTER ESSEX	116	71.9	*	*	22.8	74.6	*	*	18.6	20.7 (13.3-28.1)
MANSFIELD	280	64.9	17.6	15.5	33.1	65.2	18.2	14.4	32.6	32.9 (27.4-38.4)
MARBLEHEAD	231	65.2	18.2	15.2	33.3	73.7	*	*	23.2	29.0 (23.2-34.9)
MARBLEHEAD COMMUNITY CS	49	69.0	*	*	*	50.0	*	*	*	24.5 (12.4-36.5)
MARLBOROUGH	377	55.2	19.6	24.2	43.8	57.9	16.9	21.9	38.8	41.4 (36.4-46.4)
MARSHFIELD	351	73.7	11.4	13.8	25.1	77.7	13.0	7.1	20.1	22.5 (18.1-26.9)
MARTHA'S VINEYARD (REG + SU 19)	143	66.7	14.1	17.9	32.1	67.7	*	*	30.8	31.5 (23.9-39.1)
MARTHA'S VINEYARD CS	14	*	*	*	*	*	*	*	*	*
MARTIN LUTHER KING JR. CS OF EXCELLENCE	57	50.0	*	*	50.0	70.4	*	*	*	36.8 (24.3-49.4)
MASCONOMET (REG + TRI-TOWN SU 58)	352	75.0	11.7	9.0	20.7	70.1	14.6	6.7	21.3	21.0 (16.8-25.3)
MASHPEE	137	69.1	*	*	27.9	60.9	18.8	14.5	33.3	30.7 (22.9-38.4)
MAYNARD	114	69.6	*	*	26.1	60.0	*	*	37.8	30.7 (22.2-39.2)

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School District	Total number of students screened (N)	Males				Females				Males and Females
		Healthy Weight (%)	Over-weight (%)	Obese (%)	Overweight or Obese (%)	Healthy Weight (%)	Over-weight (%)	Obese (%)	Overweight or Obese (%)	Overweight or Obese (%), CI)
MEDFIELD	177	78.5	*	*	19.4	78.6	*	*	15.5	17.5 (11.9-23.1)
MEDFORD	286	55.8	17.9	25.0	42.9	51.5	20.8	24.6	45.4	44.1 (38.3-49.8)
MEDWAY	169	72.4	11.5	13.8	25.3	65.9	14.6	12.2	26.8	26.0 (19.4-32.7)
MELROSE	267	76.4	10.7	10.7	21.4	74.0	13.4	10.2	23.6	22.5 (17.5-27.5)
MENDON-UPTON	168	67.1	*	*	27.1	79.5	*	*	20.5	23.8 (17.4-30.3)
METHUEN	524	59.6	16.6	19.6	36.2	63.3	15.8	16.6	32.4	34.4 (30.3-38.4)
MIDDLEBOROUGH	256	59.2	16.2	23.8	40.0	56.3	20.6	19.0	39.7	39.8 (33.8-45.8)
MILFORD	311	59.7	20.1	19.5	39.6	56.7	26.8	15.9	42.7	41.2 (35.7-46.6)
MILLBURY	149	53.0	21.7	25.3	47.0	62.1	16.7	18.2	34.8	41.6 (33.7-49.5)
MILLIS	78	63.4	*	*	34.1	67.6	*	*	29.7	32.1 (21.7-42.4)
MILTON	343	73.3	12.5	11.4	23.9	73.7	13.8	6.6	20.4	22.2 (17.8-26.6)
MOHAWK TRAIL	78	68.4	*	*	31.6	62.5	*	*	35.0	33.3 (22.9-43.8)
MONOMOY	185	69.4	18.4	12.2	30.6	67.8	16.1	16.1	32.2	31.4 (24.7-38.0)
MONSON	62	66.7	*	*	*	78.1	*	*	*	24.2 (13.5-34.9)
MOUNT GREYLOCK	91	71.2	*	*	26.9	69.2	*	*	25.6	26.4 (17.3-35.4)
MYSTIC VALLEY CS	118	64.7	*	*	30.9	70.0	*	*	28.0	29.7 (21.4-37.9)
NANTUCKET	109	53.3	16.7	30.0	46.7	42.9	24.5	30.6	55.1	50.5 (41.1-59.8)
NARRAGANSETT	100	75.0	*	*	20.8	63.5	*	*	30.8	26.0 (17.4-34.6)
NASHOBA	219	73.3	14.7	8.6	23.3	67.0	16.5	12.6	29.1	26.0 (20.2-31.8)
NATICK	414	71.5	14.0	12.7	26.8	72.6	17.7	8.1	25.8	26.3 (22.1-30.6)
NAUSET (REG + SU 54)	179	67.5	20.5	12.0	32.5	65.6	16.7	14.6	31.3	31.8 (25.0-38.7)
NEEDHAM	489	78.5	13.2	5.8	19.0	69.2	*	*	27.5	23.3 (19.6-27.1)
NEIGHBORHOOD HOUSE CS	43	47.8	*	*	47.8	55.0	*	*	*	44.2 (29.3-59.0)

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School District	Total number of students screened (N)	Males				Females				Males and Females
		Healthy Weight (%)	Over-weight (%)	Obese (%)	Overweight or Obese (%)	Healthy Weight (%)	Over-weight (%)	Obese (%)	Overweight or Obese (%)	Overweight or Obese (%), CI)
NEW BEDFORD	1,147	49.7	17.1	31.3	48.5	49.2	20.8	26.8	47.6	48.0 (45.1-50.9)
NEWBURYPORT	145	69.9	15.1	15.1	30.1	80.6	*	*	19.4	24.8 (17.8-31.9)
NEWTON	939	71.2	13.8	11.4	25.2	79.2	12.6	4.7	17.3	21.3 (18.7-23.9)
NORTH ADAMS	137	47.3	16.2	31.1	47.3	57.1	19.0	19.0	38.1	43.1 (34.8-51.4)
NORTH ANDOVER	361	64.7	17.4	15.8	33.2	66.1	16.4	12.4	28.8	31.0 (26.3-35.8)
NORTH ATTLEBOROUGH	375	66.1	16.1	15.5	31.5	65.2	19.3	11.1	30.4	30.9 (26.3-35.6)
NORTH BROOKFIELD	36	68.4	*	*	*	76.5	*	*	*	27.8 (13.1-42.4)
NORTH READING	149	65.0	21.3	12.5	33.8	78.3	*	*	17.4	26.2 (19.1-33.2)
NORTH RIVER COLLAB	*	NA	NA	NA	NA	*	*	*	*	*
NORTHAMPTON	201	72.6	*	*	26.3	65.1	13.2	18.9	32.1	29.4 (23.1-35.6)
NORTHBORO-SOUTHBORO (REG + SU 3)	325	73.7	*	*	21.2	76.3	11.2	8.3	19.5	20.3 (15.9-24.7)
NORTHBRIDGE	160	65.8	15.1	16.4	31.5	52.9	17.2	26.4	43.7	38.1 (30.6-45.7)
NORTHSHORE EDUCATION CONSORTIUM	11	*	*	*	*	*	*	*	*	*
NORTON	195	60.0	24.2	12.6	36.8	68.0	16.0	14.0	30.0	33.3 (26.7-39.9)
NORWELL	176	72.3	13.9	10.9	24.8	70.7	*	*	26.7	25.6 (19.1-32.0)
NORWOOD	256	49.6	24.0	23.1	47.1	58.5	22.2	15.6	37.8	42.2 (36.1-48.2)
OLD ROCHESTER (REG + SU 55)	203	69.2	12.0	17.9	29.9	72.1	*	*	20.9	26.1 (20.1-32.2)
OXFORD	155	51.9	25.3	21.5	46.8	69.7	*	*	30.3	38.7 (31.0-46.4)
PALMER	126	57.1	*	*	42.9	60.0	21.4	15.7	37.1	39.7 (31.1-48.2)
PEABODY	378	54.1	17.3	27.0	44.4	65.4	12.6	18.7	31.3	38.1 (33.2-43.0)
PEMBROKE	220	70.7	12.2	14.6	26.8	82.5	*	*	16.5	22.3 (16.8-27.8)
PENTUCKET	205	72.0	14.0	11.2	25.2	85.7	*	*	12.2	19.0 (13.7-24.4)
PIONEER VALLEY	57	65.5	*	*	34.5	75.0	*	*	*	28.1 (16.4-39.7)

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School District	Total number of students screened (N)	Males				Females				Males and Females	
		Healthy Weight (%)	Over-weight (%)	Obese (%)	Overweight or Obese (%)	Healthy Weight (%)	Over-weight (%)	Obese (%)	Overweight or Obese (%)	Overweight or Obese (%), CI)	
PITTSFIELD	438	61.7	15.0	19.2	34.1	59.8	17.0	21.9	38.8	36.5 (32.0-41.0)	
PLYMOUTH	587	66.3	13.4	18.2	31.6	60.5	20.3	16.9	37.2	34.4 (30.6-38.3)	
QUABBIN	142	53.0	*	*	43.9	71.1	*	*	26.3	34.5 (26.7-42.3)	
QUABOAG	108	61.1	*	*	37.0	68.5	*	*	31.5	34.3 (25.3-43.2)	
QUINCY	672	61.9	18.9	16.0	34.9	69.5	14.9	12.5	27.4	31.3 (27.7-34.8)	
RALPH C MAHAR	18	*	*	*	*	*	*	*	*	*	*
READING	300	75.8	11.5	10.2	21.7	73.4	9.8	10.5	20.3	21.0 (16.4-25.6)	
READS COLLAB	*	*	*	*	*	*	*	*	*	*	*
REVERE	578	52.2	18.1	28.3	46.4	51.2	21.8	24.9	46.7	46.5 (42.5-50.6)	
RIVER VALLEY CS	33	*	*	*	*	68.4	*	*	*	*	*
ROCKLAND	160	43.9	30.5	24.4	54.9	64.1	19.2	14.1	33.3	44.4 (36.7-52.1)	
ROCKPORT	64	73.1	*	*	*	65.8	*	*	31.6	26.6 (15.7-37.4)	
SALEM	387	55.4	19.5	22.6	42.1	45.8	25.0	26.0	51.0	46.5 (41.5-51.5)	
SANDWICH	199	67.6	17.6	10.8	28.4	70.1	15.5	10.3	25.8	27.1 (21.0-33.3)	
SCITUATE	209	78.0	*	*	18.3	85.0	*	*	15.0	16.7 (11.7-21.8)	
SEEKONK	160	61.5	11.0	27.5	38.5	59.4	20.3	18.8	39.1	38.8 (31.2-46.3)	
SHAKER MOUNTAIN (SU 70)	20	*	*	*	*	*	*	*	*	*	*
SHARON	251	69.1	13.0	8.9	22.0	81.3	*	*	14.8	18.3 (13.5-23.1)	
SHREWSBURY	434	57.9	20.6	16.7	37.3	64.2	20.9	11.9	32.8	35.3 (30.8-39.7)	
SILVER LAKE (REG + SU 31)	227	71.4	*	*	21.9	75.4	*	*	18.0	19.8 (14.6-25.0)	
SOMERSET BERKLEY	227	66.7	*	*	27.4	63.6	14.5	19.1	33.6	30.4 (24.4-36.4)	
SOMERVILLE	380	50.3	20.0	27.0	47.0	61.0	15.9	20.5	36.4	41.6 (36.6-46.5)	
SOUTH HADLEY	155	74.6	*	*	22.4	59.1	17.0	21.6	38.6	31.6 (24.3-38.9)	

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		Healthy Weight (%)	Over-weight (%)	Obese (%)	Overweight or Obese (%)	Healthy Weight (%)	Over-weight (%)	Obese (%)	Overweight or Obese (%)	Overweight or Obese (%), CI)
SOUTH SHORE CS	50	63.6	*	*	*	64.3	*	*	*	30.0 (17.3-42.7)
SOUTH SHORE ED COLLAB	13	*	*	*	*	*	*	*	*	*
SOUTHBridge	127	66.7	*	*	31.9	60.3	19.0	19.0	37.9	34.6 (26.4-42.9)
SOUTHERN BERKSHIRE	65	75.0	*	*	*	58.6	*	*	37.9	30.8 (19.5-42.0)
SOUTHWICK-TOLLAND-GRANVILLE	94	60.9	*	*	37.0	50.0	27.1	20.8	47.9	42.6 (32.6-52.5)
SPENCER-E BROOKFIELD	130	50.8	*	*	49.2	55.1	*	*	44.9	46.9 (38.3-55.5)
SPRINGFIELD	1,627	52.2	14.9	30.8	45.7	48.4	17.7	32.0	49.7	47.7 (45.3-50.1)
STONEHAM	177	77.6	*	*	22.4	82.2	*	*	16.8	19.2 (13.4-25.0)
STOUGHTON	114	57.1	*	*	42.9	60.0	23.1	15.4	38.5	40.4 (31.3-49.4)
SUTTON	114	52.8	28.3	18.9	47.2	65.6	*	*	29.5	37.7 (28.8-46.6)
SWANSEA	177	53.5	19.8	23.8	43.6	67.1	*	*	32.9	39.0 (31.8-46.2)
TANTASQUA (REG + SU 61)	255	65.4	24.8	9.8	34.6	60.7	24.6	13.9	38.5	36.5 (30.6-42.4)
TAUNTON	627	56.4	15.0	25.9	40.8	58.8	19.0	19.6	38.6	39.7 (35.9-43.5)
TEWKSBURY	252	71.5	13.1	15.4	28.5	57.4	19.7	21.3	41.0	34.5 (28.7-40.4)
THE EDUCATION COOPERATIVE (TEC)	*	NA	NA	NA	NA	*	*	*	*	*
TRITON	196	71.9	14.9	8.8	23.7	65.9	18.3	14.6	32.9	27.6 (21.3-33.8)
TYNGSBOROUGH	114	76.3	*	*	23.7	72.7	*	*	23.6	23.7 (15.9-31.5)
UXBRIDGE	138	84.3	*	*	*	88.2	*	*	*	10.9 (5.7-16.1)
WACHUSETT	557	69.9	15.2	13.5	28.7	70.2	14.9	13.8	28.7	28.7 (25.0-32.5)
WAKEFIELD	248	62.5	12.5	22.7	35.2	75.8	*	*	21.7	28.6 (23.0-34.3)
WALPOLE	276	65.7	17.5	16.1	33.6	73.7	14.3	10.5	24.8	29.3 (24.0-34.7)
WALTHAM	326	54.8	16.3	28.3	44.6	56.3	16.9	24.4	41.3	42.9 (37.6-48.3)
WARE	115	56.9	20.7	22.4	43.1	54.4	24.6	21.1	45.6	44.3 (35.3-53.4)

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		Healthy Weight (%)	Over-weight (%)	Obese (%)	Overweight or Obese (%)	Healthy Weight (%)	Over-weight (%)	Obese (%)	Overweight or Obese (%)	Overweight or Obese (%), CI)
WAREHAM	192	45.6	23.7	27.2	50.9	52.6	19.2	28.2	47.4	49.5 (42.4-56.6)
WATERTOWN	165	78.3	*	*	19.3	61.0	*	*	35.4	27.3 (20.5-34.1)
WAYLAND	230	76.9	10.2	10.2	20.4	72.1	11.5	8.2	19.7	20.0 (14.8-25.2)
WEBSTER	149	56.8	17.6	24.3	41.9	56.0	17.3	25.3	42.7	42.3 (34.3-50.2)
WELLESLEY	386	76.4	14.6	7.9	22.5	83.2	*	*	13.5	17.6 (13.8-21.4)
WEST BRIDGEWATER	91	73.2	*	*	26.8	74.0	*	*	24.0	25.3 (16.3-34.2)
WEST SPRINGFIELD	277	62.4	18.5	15.9	34.4	63.3	8.3	25.8	34.2	34.3 (28.7-39.9)
WESTBOROUGH	303	62.4	20.6	11.3	31.9	66.7	21.0	6.2	27.2	29.4 (24.2-34.5)
WESTFIELD	314	67.7	12.7	17.1	29.7	74.4	16.7	8.3	25.0	27.4 (22.5-32.3)
WESTFORD	356	65.9	20.5	9.7	30.3	75.4	14.0	8.2	22.2	26.4 (21.8-31.0)
WESTON	189	76.2	*	*	20.0	81.0	*	*	17.9	19.0 (13.4-24.6)
WESTPORT	120	62.0	14.1	21.1	35.2	69.4	*	*	30.6	33.3 (24.9-41.8)
WESTWOOD	220	77.0	*	*	19.0	85.1	*	*	13.8	16.8 (11.9-21.8)
WEYMOUTH	365	47.8	23.3	27.2	50.6	67.0	11.9	19.5	31.4	40.8 (35.8-45.9)
WILMINGTON	247	52.1	16.2	31.6	47.9	65.4	13.8	17.7	31.5	39.3 (33.2-45.4)
WINCHESTER	352	74.9	16.0	7.4	23.4	83.1	9.6	6.2	15.8	19.6 (15.5-23.7)
WINTHROP	149	65.2	*	*	33.3	58.8	16.3	22.5	38.8	36.2 (28.5-44.0)
WOBURN	351	54.1	20.9	22.1	43.0	52.0	18.4	25.7	44.1	43.6 (38.4-48.8)
WORCESTER	1,552	52.1	20.8	22.0	42.8	54.7	18.5	21.4	39.9	41.4 (39.0-43.9)

Notes: Data that did not pass data quality tests were excluded from the analysis. For more information, please reference the *Methods* section of this report. . CI = 95% confidence interval. In children and teens, BMI level is expressed relative to other children of the same age and sex at birth, and is referred to as the BMI-for-age percentile. The presentation in the table uses the terms *Male* and *Female* to indicate sex assigned at birth, as this corresponds to the way BMI-for-age is defined. It does not reflect gender identity. The phrase *Males and Females* includes all students without exception. *Underweight* – BMI for age percentile < 5<sup>th</sup> percentile; *Healthy weight* – BMI for age percentile between 5<sup>th</sup> and 85<sup>th</sup> percentile; *Overweight* – BMI for age percentile between 85<sup>th</sup> and 95<sup>th</sup> percentile; *Obese* – BMI for age percentile ≥ 95<sup>th</sup> percentile.

\* Data is suppressed when there are fewer than 10 individuals in a cell. NA: Not Applicable (No students in a gender group were screened).

**Table 4. Body Mass Index Screening Results for Children in Grade 7 in Massachusetts School Districts, 2016-2017**

School District	Total number of students screened (N)	Males				Females				Males and Females
		Healthy Weight (%)	Over-weight (%)	Obese (%)	Overweight or Obese (%)	Healthy Weight (%)	Over-weight (%)	Obese (%)	Overweight or Obese (%)	Overweight or Obese (%), CI)
<b>TOTAL</b>	<b>60,848</b>	<b>60.9</b>	<b>16.2</b>	<b>19.2</b>	<b>35.4</b>	<b>63.8</b>	<b>17.1</b>	<b>16.1</b>	<b>33.2</b>	<b>34.3 (33.9-34.7)</b>
ABBY KELLEY FOSTER CS	108	56.0	*	*	42.0	63.8	*	*	36.2	38.9 (29.7-48.1)
ABINGTON	160	58.1	22.1	15.1	37.2	66.2	13.5	16.2	29.7	33.8 (26.4-41.1)
ACADEMY OF PACIFIC RIM CS	78	62.2	*	*	37.8	48.8	*	*	51.2	44.9 (33.8-55.9)
ACTON-BOXBOROUGH	460	72.8	11.2	8.6	19.8	84.2	7.9	4.4	12.3	16.1 (12.7-19.4)
ACUSHNET	79	58.1	*	*	37.2	55.6	*	*	44.4	40.5 (29.7-51.3)
ADAMS-CHESHIRE	105	53.7	20.4	24.1	44.4	54.9	19.6	21.6	41.2	42.9 (33.4-52.3)
ADVANCED MATH AND SCIENCE ACADEMY CS	156	67.1	17.8	15.1	32.9	69.9	*	*	22.9	27.6 (20.6-34.6)
AMESBURY	160	73.2	*	*	20.7	66.7	*	*	24.4	22.5 (16.0-29.0)
AMHERST-PELHAM (REG + SU 26)	207	68.9	14.2	12.3	26.4	70.3	12.9	12.9	25.7	26.1 (20.1-32.1)
ANDOVER	467	77.0	12.8	8.2	21.0	78.6	13.8	6.3	20.1	20.6 (16.9-24.2)
ARGOSY COLLEGIATE CS	102	43.1	*	*	54.9	52.9	21.6	25.5	47.1	51.0 (41.3-60.7)
ARLINGTON	356	80.1	9.4	8.2	17.5	78.9	11.9	5.9	17.8	17.7 (13.7-21.7)
ASHBURNHAM-WESTMINSTER	148	70.7	*	*	25.3	65.8	*	*	34.2	29.7 (22.4-37.1)
ASHLAND	203	77.4	*	*	18.3	70.9	13.6	12.7	26.4	22.7 (16.9-28.4)
ASSABET VALLEY COLLAB	*	*	*	*	*	*	*	*	*	*
ATHOL-ROYALSTON	104	52.9	19.6	25.5	45.1	60.4	18.9	18.9	37.7	41.3 (31.9-50.8)
ATTLEBORO	469	58.9	13.8	14.6	28.5	57.9	14.8	13.9	28.7	28.6 (24.5-32.7)
AUBURN	197	57.0	18.0	24.0	42.0	68.0	14.4	14.4	28.9	35.5 (28.8-42.2)
AYER SHIRLEY	107	49.0	*	*	49.0	74.1	*	*	25.9	36.4 (27.3-45.6)
BARNSTABLE	399	55.7	15.3	25.1	40.4	60.7	18.4	18.4	36.7	38.6 (33.8-43.4)
BAYSTATE ACADEMY CS	72	54.1	*	*	43.2	62.9	*	*	37.1	40.3 (28.9-51.6)
BEDFORD	210	71.2	14.4	9.6	24.0	76.4	*	*	22.6	23.3 (17.6-29.1)

**Table 4. Body Mass Index Screening Results for Children in Grade 7 in Massachusetts School Districts, 2016-2017**

School District	Total number of students screened (N)	Males				Females				Males and Females
		Healthy Weight (%)	Over-weight (%)	Obese (%)	Overweight or Obese (%)	Healthy Weight (%)	Over-weight (%)	Obese (%)	Overweight or Obese (%)	Overweight or Obese (%), CI)
BELCHERTOWN	191	60.8	*	*	33.0	73.4	*	*	17.0	25.1 (19.0-31.3)
BELMONT	96	70.2	*	*	*	87.8	*	*	*	14.6 (7.5-21.6)
BENJAMIN FRANKLIN CS	49	57.1	*	*	*	71.4	*	*	*	34.7 (21.4-48.0)
BERKSHIRE ARTS AND TECHNOLOGY CS	66	42.4	*	*	48.5	51.5	*	*	45.5	47.0 (34.9-59.0)
BERKSHIRE HILLS	112	75.0	*	*	*	70.8	*	*	18.1	16.1 (9.3-22.9)
BERLIN-BOYLSTON (REG + SU 60)	92	62.5	*	*	33.9	69.4	*	*	27.8	31.5 (22.0-41.0)
BEVERLY	338	64.6	17.4	15.9	33.3	60.8	14.7	23.1	37.8	35.2 (30.1-40.3)
BI-COUNTY COLLAB (BICO)	17	*	*	*	*	NA	NA	NA	NA	* *
BILLERICA	388	61.7	16.9	18.9	35.8	63.6	20.9	13.4	34.2	35.1 (30.3-39.8)
BLACKSTONE-MILLVILLE	151	50.7	18.3	26.8	45.1	51.3	26.3	22.5	48.8	47.0 (39.1-55.0)
BOSTON	2,037	51.9	15.8	29.8	45.6	52.2	19.1	27.7	46.9	46.2 (44.0-48.4)
BOSTON COLLEGIATE CS	68	50.0	*	*	46.9	41.7	27.8	30.6	58.3	52.9 (41.1-64.8)
BOSTON PREPARATORY CS	58	53.3	*	*	46.7	71.4	*	*	*	37.9 (25.4-50.4)
BOURNE	161	70.5	*	*	15.4	72.3	*	*	18.1	16.8 (11.0-22.5)
BRAINTREE	449	59.7	18.6	18.1	36.7	72.4	14.9	11.0	25.9	31.2 (26.9-35.5)
BRIDGEWATER-RAYNHAM	435	67.2	12.9	16.8	29.7	66.5	15.6	15.6	31.3	30.3 (26.0-34.7)
BROCKTON	1,142	58.3	19.0	20.9	40.0	57.1	18.4	23.0	41.5	40.7 (37.9-43.6)
BROOKLINE	567	76.3	12.3	6.8	19.2	74.9	13.1	6.6	19.7	19.4 (16.1-22.7)
BURLINGTON	270	58.7	16.1	21.0	37.1	64.6	15.0	18.1	33.1	35.2 (29.5-40.9)
CAMBRIDGE	385	67.6	12.8	15.4	28.2	66.5	19.3	11.7	31.0	29.6 (25.0-34.2)
CANTON	248	62.0	20.7	13.2	33.9	72.4	15.7	7.9	23.6	28.6 (23.0-34.3)
CAPE COD COLLAB	*	*	*	*	*	*	*	*	*	* *
CAPE COD LIGHTHOUSE CS	83	72.7	*	*	*	64.0	*	*	32.0	27.7 (18.1-37.3)
CAPS ED COLLAB	10	*	*	*	*	*	*	*	*	* *

**Table 4. Body Mass Index Screening Results for Children in Grade 7 in Massachusetts School Districts, 2016-2017**

School District	Total number of students screened (N)	Males				Females				Males and Females
		Healthy Weight (%)	Over-weight (%)	Obese (%)	Overweight or Obese (%)	Healthy Weight (%)	Over-weight (%)	Obese (%)	Overweight or Obese (%)	Overweight or Obese (%), CI)
CARVER	99	59.3	*	*	38.9	62.2	*	*	37.8	38.4 (28.8-48.0)
CENTRAL BERKSHIRE	108	61.5	*	*	32.7	62.5	*	*	37.5	35.2 (26.2-44.2)
CENTRAL MA SPED COLLAB	29	*	*	*	*	*	*	*	*	37.9 (20.3-55.6)
CHELMSFORD	379	65.6	12.7	17.5	30.2	67.4	20.0	10.5	30.5	30.3 (25.7-35.0)
CHELSEA	385	44.8	18.4	36.3	54.7	33.7	25.5	38.0	63.6	59.0 (54.0-63.9)
CHICOPEE	462	52.9	16.7	27.8	44.5	55.8	21.1	21.1	42.2	43.5 (39.0-48.0)
CHRISTA MCAULIFFE CS	119	52.5	*	*	39.3	63.8	*	*	32.8	36.1 (27.5-44.8)
CLINTON	115	65.1	*	*	31.7	76.9	*	*	19.2	26.1 (18.1-34.1)
CODMAN ACADEMY CS	19	*	*	*	*	*	*	*	*	*
COHASSET	122	84.8	*	*	*	89.3	*	*	*	11.5 (5.8-17.1)
COMMUNITY CS OF CAMBRIDGE	43	*	*	*	61.9	*	*	*	68.2	65.1 (50.9-79.4)
COMMUNITY DAY CS	21	*	*	*	*	*	*	*	*	57.1 (36.0-78.3)
CONCORD-CARLISLE	253	67.6	14.3	14.3	28.6	77.7	*	*	19.6	23.3 (18.1-28.5)
DANVERS	262	58.6	21.4	18.6	40.0	59.8	21.3	16.4	37.7	38.9 (33.0-44.8)
DARTMOUTH	334	65.5	16.7	13.1	29.8	61.4	19.3	14.5	33.7	31.7 (26.7-36.7)
DEDHAM	201	58.7	20.2	17.3	37.5	68.0	18.6	12.4	30.9	34.3 (27.8-40.9)
DENNIS-YARMOUTH	168	56.5	22.8	19.6	42.4	59.2	15.8	21.1	36.8	39.9 (32.5-47.3)
DIGHTON-REHOBOTH	230	60.2	23.7	14.4	38.1	65.2	21.4	11.6	33.0	35.7 (29.5-41.8)
DOUGLAS	106	61.0	*	*	33.9	61.7	*	*	31.9	33.0 (24.1-42.0)
DOVER-SHERBORN (REG + SU 50)	156	86.3	*	*	13.8	82.9	*	*	17.1	15.4 (9.7-21.0)
DRACUT	286	56.4	15.8	19.5	35.3	60.1	19.6	17.6	37.3	36.4 (30.8-41.9)
DUDLEY-CHARLTON	345	58.3	19.4	19.4	38.9	64.2	18.8	11.5	30.3	34.8 (29.8-39.8)
DUXBURY	247	75.4	*	*	19.0	73.6	13.2	8.3	21.5	20.2 (15.2-25.3)
EAST LONGMEADOW	229	64.4	16.1	18.6	34.7	72.1	15.3	11.7	27.0	31.0 (25.0-37.0)

**Table 4. Body Mass Index Screening Results for Children in Grade 7 in Massachusetts School Districts, 2016-2017**

School District	Total number of students screened (N)	Males				Females				Males and Females
		Healthy Weight (%)	Over-weight (%)	Obese (%)	Overweight or Obese (%)	Healthy Weight (%)	Over-weight (%)	Obese (%)	Overweight or Obese (%)	Overweight or Obese (%), CI)
EASTON	290	58.1	20.3	18.9	39.2	65.5	18.3	14.8	33.1	36.2 (30.7-41.7)
EVERETT	404	46.2	23.8	27.6	51.4	44.8	26.8	28.4	55.2	53.2 (48.4-58.1)
EXCEL ACADEMY CS	167	51.8	15.3	32.9	48.2	43.9	35.4	20.7	56.1	52.1 (44.5-59.7)
FAIRHAVEN	142	48.6	17.6	28.4	45.9	63.2	17.6	19.1	36.8	41.5 (33.4-49.7)
FALL RIVER	687	45.7	14.3	27.7	42.0	45.1	16.9	24.0	40.9	41.5 (37.8-45.2)
FALMOUTH	290	64.2	19.5	11.9	31.4	68.7	15.3	13.7	29.0	30.3 (25.1-35.6)
FITCHBURG	304	49.4	24.4	20.5	44.9	54.1	23.0	20.9	43.9	44.4 (38.8-50.0)
FOUR RIVERS CS	35	50.0	*	*	*	80.0	*	*	*	34.3 (18.6-50.0)
FOXBOROUGH	221	61.9	21.2	15.3	36.4	68.0	17.5	12.6	30.1	33.5 (27.3-39.7)
FOXBOROUGH CS	114	57.4	18.5	22.2	40.7	61.7	*	*	36.7	38.6 (29.7-47.5)
FRAMINGHAM	427	61.3	14.0	21.2	35.1	60.0	17.1	22.0	39.0	37.0 (32.4-41.6)
FRANCIS W PARKER CS	65	61.9	*	*	*	86.4	*	*	*	18.5 (9.0-27.9)
FREETOWN-LAKEVILLE	226	64.2	*	*	31.1	56.7	19.2	19.2	38.3	35.0 (28.7-41.2)
FRONTIER (REG + SU 38)	103	64.2	*	*	35.8	62.0	*	*	38.0	36.9 (27.6-46.2)
GARDNER	159	64.0	14.0	19.8	33.7	58.9	13.7	21.9	35.6	34.6 (27.2-42.0)
GATEWAY	66	59.5	*	*	35.7	58.3	*	*	41.7	37.9 (26.2-49.6)
GEORGETOWN	110	81.0	*	*	15.9	85.1	*	*	*	13.6 (7.2-20.0)
GILL-MONTAGUE	85	67.5	*	*	32.5	62.2	*	*	35.6	34.1 (24.0-44.2)
GLOBAL LEARNING CS	67	42.9	*	*	50.0	56.0	*	*	40.0	46.3 (34.3-58.2)
GLOUCESTER	222	55.4	14.3	26.8	41.1	50.0	24.5	23.6	48.2	44.6 (38.1-51.1)
GRAFTON	271	71.3	12.5	13.2	25.7	75.6	13.3	8.1	21.5	23.6 (18.6-28.7)
GRANBY	69	55.0	*	*	40.0	55.2	*	*	34.5	37.7 (26.2-49.1)
GREENFIELD	125	52.2	19.4	23.9	43.3	62.1	*	*	37.9	40.8 (32.2-49.4)
GROTON-DUNSTABLE	157	65.2	11.2	21.3	32.6	79.4	*	*	17.6	26.1 (19.2-33.0)

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School District	Total number of students screened (N)	Males				Females				Males and Females
		Healthy Weight (%)	Over-weight (%)	Obese (%)	Overweight or Obese (%)	Healthy Weight (%)	Over-weight (%)	Obese (%)	Overweight or Obese (%)	Overweight or Obese (%), CI)
HADLEY	44	70.4	*	*	*	64.7	*	*	*	25.0 (12.2-37.8)
HAMILTON-WENHAM	131	73.1	*	*	22.4	76.6	*	*	23.4	22.9 (15.7-30.1)
HAMPDEN CS OF SCIENCE	79	76.5	*	*	*	84.4	*	*	*	13.9 (6.3-21.6)
HAMPDEN-WILBRAHAM	246	61.9	16.9	18.6	35.6	69.5	13.3	13.3	26.6	30.9 (25.1-36.7)
HAMPSHIRE (REG + SU 66)	158	56.3	17.2	21.9	39.1	63.8	20.2	14.9	35.1	36.7 (29.2-44.2)
HANOVER	197	72.3	16.1	10.7	26.8	68.2	14.1	16.5	30.6	28.4 (22.1-34.7)
HARVARD	99	77.8	*	*	*	79.6	*	*	*	14.1 (7.3-21.0)
HATFIELD	44	*	*	*	*	76.9	*	*	*	31.8 (18.1-45.6)
HAVERHILL	453	61.0	13.3	24.3	37.6	53.2	21.3	23.4	44.7	41.3 (36.7-45.8)
HILL VIEW MONTESSORI CS	30	*	*	*	*	80.0	*	*	*	*
HILLTOWN COOPERATIVE CS	32	*	*	*	*	73.7	*	*	*	*
HINGHAM	372	70.5	12.4	9.8	22.3	77.7	13.4	5.6	19.0	20.7 (16.6-24.8)
HOLBROOK	108	47.4	19.3	28.1	47.4	60.8	*	*	35.3	41.7 (32.4-51.0)
HOLLISTON	226	68.3	15.8	14.9	30.7	77.6	13.6	8.0	21.6	25.7 (20.0-31.4)
HOLYOKE	149	58.3	13.1	23.8	36.9	40.0	18.5	38.5	56.9	45.6 (37.6-53.6)
HOLYOKE COMMUNITY CS	46	*	*	*	*	50.0	*	*	50.0	47.8 (33.4-62.3)
HOPEDALE	98	88.0	*	*	*	91.7	*	*	*	*
HOPKINTON	275	82.3	*	*	13.1	78.6	*	*	18.6	16.0 (11.7-20.3)
HUDSON	158	53.8	*	*	42.3	66.3	15.0	16.3	31.3	36.7 (29.2-44.2)
HULL	63	67.6	*	*	29.4	72.4	*	*	*	28.6 (17.4-39.7)
INNOVATION ACADEMY CS	92	67.4	*	*	30.4	60.9	*	*	34.8	32.6 (23.0-42.2)
IPSWICH	162	66.2	14.9	17.6	32.4	70.5	*	*	27.3	29.6 (22.6-36.7)
KING PHILIP	373	70.4	13.8	13.8	27.6	58.2	25.3	14.7	40.0	33.2 (28.5-38.0)
KIPP ACADEMY BOSTON CS	199	60.0	14.0	23.0	37.0	45.5	16.2	35.4	51.5	44.2 (37.3-51.1)

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School District	Total number of students screened (N)	Males				Females				Males and Females
		Healthy Weight (%)	Over-weight (%)	Obese (%)	Overweight or Obese (%)	Healthy Weight (%)	Over-weight (%)	Obese (%)	Overweight or Obese (%)	Overweight or Obese (%), CI)
KIPP ACADEMY LYNN CS	106	62.0	*	*	38.0	55.4	25.0	19.6	44.6	41.5 (32.1-50.9)
LABBB COLLAB	11	*	*	*	*	*	*	*	*	*
LAWRENCE	1,090	47.9	18.4	30.6	49.0	47.5	22.6	28.2	50.8	49.9 (46.9-52.9)
LEE-TYRINGHAM	50	63.3	*	*	33.3	55.0	*	*	*	34.0 (20.9-47.1)
LEICESTER	160	56.9	18.1	18.1	36.1	47.7	20.5	22.7	43.2	40.0 (32.4-47.6)
LENOX	67	58.8	*	*	*	84.0	*	*	*	20.9 (11.2-30.6)
LEOMINSTER	453	51.5	17.3	26.6	43.9	54.6	22.2	22.7	44.9	44.4 (39.8-48.9)
LEXINGTON	574	76.6	12.1	8.6	20.7	79.2	12.7	4.6	17.3	19.0 (15.8-22.2)
LINCOLN-SUDBURY	441	66.4	13.1	11.1	24.2	72.1	14.7	10.2	24.9	24.5 (20.5-28.5)
LITTLETON	105	73.1	*	*	23.1	64.2	*	*	34.0	28.6 (19.9-37.2)
LONGMEADOW	221	75.4	11.9	10.2	22.0	78.6	*	*	18.4	20.4 (15.1-25.7)
LOWELL	1,102	53.0	16.2	26.3	42.5	51.3	17.3	17.7	35.0	38.5 (35.6-41.3)
LOWELL COMMUNITY CS	65	50.0	*	*	50.0	45.5	*	*	48.5	49.2 (37.1-61.4)
LUDLOW	241	48.4	27.9	19.7	47.5	65.5	16.8	15.1	31.9	39.8 (33.7-46.0)
LUNENBURG	145	89.7	*	*	*	97.0	*	*	*	6.9 (2.8-11.0)
LYNN	1,014	50.7	19.8	25.2	45.1	52.3	21.8	24.2	46.1	45.6 (42.5-48.6)
LYNNFIELD	165	69.2	*	*	30.8	70.1	*	*	27.6	29.1 (22.2-36.0)
MALDEN	443	51.7	19.6	24.4	44.0	51.7	18.4	29.9	48.3	46.3 (41.6-50.9)
MANCHESTER ESSEX	113	66.7	*	*	22.2	84.7	*	*	*	15.9 (9.2-22.7)
MANSFIELD	318	63.2	16.0	16.6	32.5	72.3	12.9	9.7	22.6	27.7 (22.8-32.6)
MARBLEHEAD	246	67.5	16.2	13.7	29.9	62.8	18.6	14.0	32.6	31.3 (25.5-37.1)
MARBLEHEAD COMMUNITY CS	44	54.2	*	*	*	*	*	*	*	31.8 (18.1-45.6)
MARLBOROUGH	277	46.8	19.2	31.4	50.6	49.6	26.4	22.3	48.8	49.8 (43.9-55.7)
MARSHFIELD	349	73.5	13.8	9.7	23.5	74.5	15.0	9.2	24.2	23.8 (19.3-28.2)

**Table 4. Body Mass Index Screening Results for Children in Grade 7 in Massachusetts School Districts, 2016-2017**

School District	Total number of students screened (N)	Males				Females				Males and Females
		Healthy Weight (%)	Over-weight (%)	Obese (%)	Overweight or Obese (%)	Healthy Weight (%)	Over-weight (%)	Obese (%)	Overweight or Obese (%)	Overweight or Obese (%), CI)
MARTHA'S VINEYARD (REG + SU 19)	103	66.1	*	*	25.8	68.3	*	*	31.7	28.2 (19.5-36.8)
MARTHA'S VINEYARD CS	10	NA	NA	NA	NA	*	*	*	*	* *
MASCONOMET (REG + TRI-TOWN SU 58)	308	67.3	16.0	14.7	30.7	81.0	*	*	14.6	22.4 (17.7-27.1)
MASHPEE	121	48.5	*	*	47.0	58.2	*	*	38.2	43.0 (34.2-51.8)
MAYNARD	114	57.9	17.5	21.1	38.6	66.7	*	*	33.3	36.0 (27.2-44.8)
MEDFIELD	203	76.2	*	*	20.0	77.6	*	*	20.4	20.2 (14.7-25.7)
MEDFORD	319	47.0	21.5	29.3	50.8	71.0	13.0	14.5	27.5	40.8 (35.4-46.1)
MEDWAY	181	58.5	21.3	18.1	39.4	72.4	*	*	21.8	30.9 (24.2-37.7)
MENDON-UPTON	155	57.1	19.0	22.6	41.7	59.2	21.1	19.7	40.8	41.3 (33.5-49.0)
METHUEN	594	55.6	18.5	20.4	39.0	58.7	19.2	18.1	37.4	38.2 (34.3-42.1)
MIDDLEBOROUGH	256	77.0	12.7	9.5	22.2	78.5	*	*	17.7	19.9 (15.0-24.8)
MILFORD	300	49.1	18.2	29.1	47.3	55.6	19.3	23.0	42.2	45.0 (39.4-50.6)
MILLBURY	142	61.6	20.5	17.8	38.4	55.1	26.1	15.9	42.0	40.1 (32.1-48.2)
MILLIS	107	60.0	*	*	34.0	54.4	21.1	19.3	40.4	37.4 (28.2-46.6)
MILTON	277	67.9	14.6	11.7	26.3	64.3	17.9	11.4	29.3	27.8 (22.5-33.1)
MOHAWK TRAIL	79	52.4	*	*	47.6	62.2	*	*	37.8	43.0 (32.1-54.0)
MONOMOY	138	63.8	17.4	18.8	36.2	69.6	*	*	30.4	33.3 (25.5-41.2)
MOUNT GREYLOCK	87	73.8	*	*	23.8	68.9	*	*	28.9	26.4 (17.2-35.7)
MYSTIC VALLEY CS	88	56.5	*	*	43.5	66.7	*	*	26.2	35.2 (25.2-45.2)
NANTUCKET	104	63.0	*	*	32.6	62.1	*	*	36.2	34.6 (25.5-43.8)
NARRAGANSETT	112	51.7	18.3	28.3	46.7	63.5	*	*	34.6	41.1 (32.0-50.2)
NASHOBA	285	71.3	13.1	9.0	22.1	79.8	*	*	16.6	18.9 (14.4-23.5)
NATICK	358	71.8	13.8	11.0	24.9	75.7	15.3	6.8	22.0	23.5 (19.1-27.9)
NAUSET (REG + SU 54)	177	66.3	12.5	18.3	30.8	68.5	*	*	27.4	29.4 (22.7-36.1)

**Table 4. Body Mass Index Screening Results for Children in Grade 7 in Massachusetts School Districts, 2016-2017**

School District	Total number of students screened (N)	Males				Females				Males and Females
		Healthy Weight (%)	Over-weight (%)	Obese (%)	Overweight or Obese (%)	Healthy Weight (%)	Over-weight (%)	Obese (%)	Overweight or Obese (%)	Overweight or Obese (%), CI)
NEEDHAM	446	77.5	12.0	6.7	18.7	83.1	*	*	11.8	15.0 (11.7-18.3)
NEIGHBORHOOD HOUSE CS	43	65.4	*	*	*	*	*	*	58.8	41.9 (27.1-56.6)
NEW BEDFORD	886	40.7	23.5	34.3	57.7	53.5	20.5	25.8	46.3	52.1 (48.9-55.4)
NEW HEIGHTS CS OF BROCKTON	104	48.3	24.1	25.9	50.0	54.3	23.9	21.7	45.7	48.1 (38.5-57.7)
NEWBURYPORT	168	69.7	13.1	14.1	27.3	76.8	*	*	21.7	25.0 (18.5-31.5)
NEWTON	712	67.2	15.4	12.5	27.9	74.8	13.0	8.9	21.9	24.9 (21.7-28.0)
NORTH ADAMS	87	41.9	25.6	27.9	53.5	52.3	*	*	47.7	50.6 (40.1-61.1)
NORTH ANDOVER	380	72.8	12.8	11.8	24.6	71.9	15.1	11.4	26.5	25.5 (21.1-29.9)
NORTH ATTLEBOROUGH	373	61.7	14.9	20.9	35.8	72.1	12.8	13.4	26.2	31.4 (26.7-36.1)
NORTH BROOKFIELD	47	52.4	*	*	*	57.7	*	*	42.3	42.6 (28.4-56.7)
NORTH READING	168	59.1	20.4	20.4	40.9	78.7	*	*	18.7	31.0 (24.0-37.9)
NORTH RIVER COLLAB	*	*	*	*	*	*	*	*	*	*
NORTHAMPTON	161	71.6	11.4	15.9	27.3	69.9	*	*	28.8	28.0 (21.0-34.9)
NORTHBORO-SOUTHBORO (REG + SU 3)	383	68.6	12.8	11.2	23.9	70.3	16.4	11.8	28.2	26.1 (21.7-30.5)
NORTHBRIDGE	186	55.6	16.2	26.3	42.4	75.9	*	*	24.1	33.9 (27.1-40.7)
NORTHSORE EDUCATION CONSORTIUM	13	*	*	*	*	*	*	*	*	*
NORTON	187	64.4	20.0	11.1	31.1	70.1	*	*	27.8	29.4 (22.9-35.9)
NORWELL	163	78.5	*	*	*	79.6	*	*	18.4	16.0 (10.3-21.6)
NORWOOD	246	58.6	16.4	19.5	35.9	58.5	20.3	20.3	40.7	38.2 (32.1-44.3)
OLD ROCHESTER (REG + SU 55)	223	64.9	11.7	18.0	29.7	67.0	15.2	13.4	28.6	29.1 (23.2-35.1)
OXFORD	110	57.7	*	*	38.5	65.5	*	*	32.8	35.5 (26.5-44.4)
PALMER	105	70.0	*	*	28.3	51.1	*	*	46.7	36.2 (27.0-45.4)
PEABODY	382	56.3	22.4	19.7	42.1	52.8	22.6	22.1	44.7	43.5 (38.5-48.4)
PEMBROKE	241	53.1	24.6	20.0	44.6	66.7	18.9	10.8	29.7	37.8 (31.6-43.9)

**Table 4. Body Mass Index Screening Results for Children in Grade 7 in Massachusetts School Districts, 2016-2017**

School District	Total number of students screened (N)	Males				Females				Males and Females
		Healthy Weight (%)	Over-weight (%)	Obese (%)	Overweight or Obese (%)	Healthy Weight (%)	Over-weight (%)	Obese (%)	Overweight or Obese (%)	Overweight or Obese (%), CI)
PENTUCKET	222	66.9	11.6	16.5	28.1	76.2	*	*	20.8	24.8 (19.1-30.5)
PIONEER CS OF SCIENCE I	62	58.8	*	*	41.2	67.9	*	*	*	35.5 (23.6-47.4)
PIONEER CS OF SCIENCE II	72	54.8	*	*	*	61.0	*	*	24.4	20.8 (11.5-30.2)
PIONEER VALLEY	65	61.1	*	*	33.3	86.2	*	*	*	23.1 (12.8-33.3)
PITTSFIELD	398	67.3	15.4	9.1	24.5	69.5	11.6	13.7	25.3	24.9 (20.6-29.1)
PLYMOUTH	556	61.3	15.4	21.0	36.4	69.3	15.1	12.7	27.9	32.6 (28.7-36.4)
QUABBIN	194	58.4	14.9	21.8	36.6	53.8	15.1	26.9	41.9	39.2 (32.3-46.0)
QUABOAG	110	44.4	25.9	25.9	51.9	62.5	17.9	19.6	37.5	44.5 (35.3-53.8)
QUINCY	629	61.1	16.0	15.7	31.8	70.8	13.4	12.5	25.9	28.9 (25.4-32.5)
READING	324	76.5	*	*	15.9	81.8	*	*	14.9	15.4 (11.5-19.4)
READS COLLAB	*	*	*	*	*	NA	NA	NA	NA	* *
REVERE	512	55.1	19.4	23.2	42.6	49.0	24.9	24.1	49.0	45.7 (41.4-50.0)
RISING TIDE CS	81	81.6	*	*	*	65.6	*	*	34.4	23.5 (14.2-32.7)
RIVER VALLEY CS	29	*	*	*	*	100.0	*	*	*	* *
ROCKLAND	169	60.0	22.4	15.3	37.6	57.1	17.9	22.6	40.5	39.1 (31.7-46.4)
ROCKPORT	74	58.1	*	*	34.9	67.7	*	*	32.3	33.8 (23.0-44.6)
SALEM	266	47.6	17.7	32.7	50.3	56.3	19.3	23.5	42.9	47.0 (41.0-53.0)
SALEM ACADEMY CS	71	67.9	*	*	*	69.8	*	*	*	15.5 (7.1-23.9)
SANDWICH	210	64.3	17.9	14.3	32.1	70.4	17.3	10.2	27.6	30.0 (23.8-36.2)
SCITUATE	215	77.6	9.3	10.3	19.6	88.9	*	*	9.3	14.4 (9.7-19.1)
SEEKONK	166	65.9	15.3	11.8	27.1	77.8	*	*	18.5	22.9 (16.5-29.3)
SHAKER MOUNTAIN (SU 70)	21	*	*	*	*	71.4	*	*	*	* *
SHARON	202	68.5	17.6	11.1	28.7	73.4	*	*	24.5	26.7 (20.6-32.8)
SHREWSBURY	509	60.5	17.8	17.8	35.7	71.3	17.1	9.6	26.7	31.2 (27.2-35.3)

**Table 4. Body Mass Index Screening Results for Children in Grade 7 in Massachusetts School Districts, 2016-2017**

School District	Total number of students screened (N)	Males				Females				Males and Females
		Healthy Weight (%)	Over-weight (%)	Obese (%)	Overweight or Obese (%)	Healthy Weight (%)	Over-weight (%)	Obese (%)	Overweight or Obese (%)	Overweight or Obese (%), CI)
SILVER LAKE (REG + SU 31)	88	66.0	*	*	34.0	76.3	*	*	*	29.5 (20.0-39.1)
SIZER: A NORTH CENTRAL ESSENTIAL CS	63	64.3	*	*	*	68.6	*	*	31.4	31.7 (20.3-43.2)
SOMERSET BERKLEY	289	59.4	21.9	14.8	36.8	61.2	21.6	13.4	35.1	36.0 (30.5-41.5)
SOMERVILLE	375	50.5	20.1	27.2	47.3	62.3	16.2	20.9	37.2	42.1 (37.1-47.1)
SOUTH HADLEY	132	54.0	*	*	46.0	60.9	17.4	20.3	37.7	41.7 (33.3-50.1)
SOUTH SHORE CS	50	63.6	*	*	*	64.3	*	*	*	30.0 (17.3-42.7)
SOUTH SHORE ED COLLAB	18	*	*	*	*	*	*	*	*	*
SOUTHBRIIDGE	131	41.5	*	*	55.4	42.4	21.2	34.8	56.1	55.7 (47.2-64.2)
SOUTHERN BERKSHIRE	47	78.6	*	*	*	78.9	*	*	*	*
SOUTHWICK-TOLLAND-GRANVILLE	108	62.7	*	*	35.3	77.2	*	*	21.1	27.8 (19.3-36.2)
SPENCER-E BROOKFIELD	100	51.9	*	*	42.3	58.3	*	*	39.6	41.0 (31.4-50.6)
SPRINGFIELD	1,541	52.5	17.3	27.3	44.6	51.2	19.9	27.5	47.4	45.9 (43.5-48.4)
STONEHAM	123	79.1	*	*	20.9	80.4	*	*	19.6	20.3 (13.2-27.4)
STOUGHTON	237	64.4	12.9	20.5	33.3	53.3	20.0	26.7	46.7	39.2 (33.0-45.5)
SUTTON	123	57.6	*	*	39.0	68.8	*	*	28.1	33.3 (25.0-41.7)
SWANSEA	173	60.6	20.2	17.0	37.2	44.3	24.1	29.1	53.2	44.5 (37.1-51.9)
TAUNTON	643	53.6	17.2	25.3	42.5	51.9	18.2	28.4	46.6	44.6 (40.8-48.5)
TEWKSBURY	312	61.1	19.1	13.0	32.1	63.5	13.8	20.4	34.3	33.3 (28.1-38.6)
THE EDUCATION COOPERATIVE (TEC)	*	NA	NA	NA	NA	*	*	*	*	*
TRITON	169	58.5	20.2	19.1	39.4	53.3	28.0	14.7	42.7	40.8 (33.4-48.2)
TYNGSBOROUGH	149	64.5	14.5	18.4	32.9	61.6	19.2	13.7	32.9	32.9 (25.3-40.4)
UXBRIDGE	126	84.6	*	*	*	86.9	*	*	*	12.7 (6.9-18.5)
VERITAS PREPARATORY CS	76	47.6	*	*	52.4	52.9	*	*	44.1	48.7 (37.4-59.9)
WACHUSETT	571	70.9	12.1	15.7	27.8	74.3	10.9	12.5	23.4	25.7 (22.2-29.3)

**Table 4. Body Mass Index Screening Results for Children in Grade 7 in Massachusetts School Districts, 2016-2017**

School District	Total number of students screened (N)	Males				Females				Males and Females
		Healthy Weight (%)	Over-weight (%)	Obese (%)	Overweight or Obese (%)	Healthy Weight (%)	Over-weight (%)	Obese (%)	Overweight or Obese (%)	Overweight or Obese (%), CI)
WAKEFIELD	288	64.2	18.2	11.7	29.9	70.2	17.9	9.9	27.8	28.8 (23.6-34.1)
WALPOLE	299	69.3	14.4	10.5	24.8	75.3	15.8	6.8	22.6	23.7 (18.9-28.6)
WALTHAM	332	57.6	13.9	26.1	40.0	57.5	18.6	21.6	40.1	40.1 (34.8-45.3)
WARE	93	50.0	17.9	28.6	46.4	67.6	*	*	32.4	40.9 (30.9-50.9)
WAREHAM	185	54.5	15.9	26.1	42.0	46.4	26.8	24.7	51.5	47.0 (39.8-54.2)
WATERTOWN	164	58.1	19.8	19.8	39.5	48.7	29.5	19.2	48.7	43.9 (36.3-51.5)
WAYLAND	197	72.8	*	*	24.3	77.7	*	*	21.3	22.8 (17.0-28.7)
WEBSTER	134	46.2	20.0	29.2	49.2	44.9	20.3	29.0	49.3	49.3 (40.8-57.7)
WELLESLEY	350	74.1	13.8	7.5	21.3	78.4	10.8	6.8	17.6	19.4 (15.3-23.6)
WEST BOYLSTON	93	65.1	*	*	32.6	62.0	*	*	30.0	31.2 (21.8-40.6)
WEST BRIDGEWATER	111	65.0	16.7	18.3	35.0	68.6	*	*	27.5	31.5 (22.9-40.2)
WEST SPRINGFIELD	263	60.6	15.3	22.6	38.0	60.3	14.3	23.0	37.3	37.6 (31.8-43.5)
WESTBOROUGH	315	67.7	23.0	7.5	30.4	70.1	18.8	10.4	29.2	29.8 (24.8-34.9)
WESTFIELD	172	65.1	13.4	18.0	31.4	NA	NA	NA	NA	NA NA
WESTFORD	388	70.4	11.7	7.7	19.4	77.1	10.4	6.3	16.7	18.0 (14.2-21.9)
WESTON	172	75.3	*	*	19.5	84.2	*	*	13.7	16.3 (10.8-21.8)
WESTPORT	107	58.5	*	*	35.8	59.3	*	*	33.3	34.6 (25.6-43.6)
WESTWOOD	258	74.6	*	*	22.0	77.9	12.1	8.6	20.7	21.3 (16.3-26.3)
WEYMOUTH	286	61.3	17.2	19.6	36.8	56.9	25.2	16.3	41.5	38.8 (33.2-44.5)
WILMINGTON	284	56.7	19.3	20.7	40.0	62.7	17.9	17.2	35.1	37.7 (32.0-43.3)
WINCHESTER	355	66.7	19.5	8.6	28.2	79.6	*	*	17.1	22.5 (18.2-26.9)
WINTHROP	149	60.8	21.5	16.5	38.0	51.4	21.4	22.9	44.3	40.9 (33.0-48.8)
WOBURN	345	58.1	18.0	20.9	39.0	63.6	19.7	15.6	35.3	37.1 (32.0-42.2)
WORCESTER	1,334	48.8	14.5	33.7	48.1	50.3	17.0	28.8	45.8	47.0 (44.3-49.7)

**Table 4. Body Mass Index Screening Results for Children in Grade 7 in Massachusetts School Districts, 2016-2017**

School District	Total number of students screened (N)	Males				Females				Males and Females
		Healthy Weight (%)	Over-weight (%)	Obese (%)	Overweight or Obese (%)	Healthy Weight (%)	Over-weight (%)	Obese (%)	Overweight or Obese (%)	Overweight or Obese (%, CI)

Notes: Data that did not pass data quality tests were excluded from the analysis. For more information, please reference the *Methods* section of this report. *CI* = 95% confidence interval. In children and teens, BMI level is expressed relative to other children of the same age and sex at birth, and is referred to as the BMI-for-age percentile. The presentation in the table uses the terms *Male* and *Female* to indicate sex assigned at birth, as this corresponds to the way BMI-for-age is defined. It does not reflect gender identity. The phrase *Males and Females* includes all students without exception. *Underweight* – BMI for age percentile < 5<sup>th</sup> percentile; *Healthy weight* – BMI for age percentile between 5<sup>th</sup> and 85<sup>th</sup> percentile; *Overweight* – BMI for age percentile between 85<sup>th</sup> and 95<sup>th</sup> percentile; *Obese* – BMI for age percentile ≥ 95<sup>th</sup> percentile.

\* Data is suppressed when there are fewer than 10 individuals in a cell. NA: Not Applicable (No students in a gender group were screened).

**Table 5. Body Mass Index Screening Results for Children in Grade 10 in Massachusetts School Districts, 2016-2017**

School District	Total number of students screened (N)	Males				Females				Males and Females	
		Healthy Weight (%)	Over-weight (%)	Obese (%)	Overweight or Obese (%)	Healthy Weight (%)	Over-weight (%)	Obese (%)	Overweight or Obese (%)	Overweight or Obese (%), CI)	
<b>TOTAL</b>	<b>58,957</b>	<b>62.2</b>	<b>15.8</b>	<b>18.7</b>	<b>34.5</b>	<b>65.3</b>	<b>17.3</b>	<b>15.1</b>	<b>32.4</b>	<b>33.5 (33.1-33.9)</b>	
ABBY KELLEY FOSTER CS	18	*	*	*	*	*	*	*	*	*	*
ABINGTON	102	52.2	*	*	47.8	80.4	*	*	*	30.4 (21.5-39.3)	
ACADEMY OF PACIFIC RIM CS	54	57.1	*	*	42.9	42.3	*	*	53.8	48.1 (34.8-61.5)	
ACTON-BOXBOROUGH	322	73.3	12.8	8.9	21.7	80.3	*	*	18.3	20.2 (15.8-24.6)	
ADAMS-CHESHIRE	61	58.1	*	*	41.9	70.0	*	*	*	34.4 (22.5-46.3)	
ADVANCED MATH AND SCIENCE ACADEMY CS	117	80.0	*	*	*	76.1	*	*	19.4	17.1 (10.3-23.9)	
AMESBURY	123	61.8	*	*	36.8	80.0	*	*	20.0	29.3 (21.2-37.3)	
AMHERST-PELHAM (REG + SU 26)	200	68.6	11.4	18.1	29.5	76.8	*	*	22.1	26.0 (19.9-32.1)	
ANDOVER	424	66.0	19.9	11.0	30.9	82.8	9.9	6.4	16.3	22.9 (18.9-26.9)	
ARLINGTON	377	86.4	*	*	12.1	77.1	*	*	17.9	14.9 (11.3-18.4)	
ASHBURNHAM-WESTMINSTER	172	80.2	*	*	16.0	71.4	*	*	20.9	18.6 (12.8-24.4)	
ASHLAND	168	73.1	12.8	12.8	25.6	72.2	*	*	26.7	26.2 (19.5-32.8)	
ASSABET VALLEY COLLAB	*	*	*	*	*	NA	NA	NA	NA	*	*
ASSABET VALLEY VOC TECH	273	58.4	17.5	23.4	40.9	57.1	19.3	22.7	42.0	41.4 (35.5-47.2)	
ATHOL-ROYALSTON	62	54.1	*	*	43.2	60.0	*	*	40.0	41.9 (29.7-54.2)	
ATLANTIS CS	68	50.0	*	*	40.0	55.3	*	*	36.8	38.2 (26.7-49.8)	
ATTLEBORO	382	50.2	20.9	27.0	47.9	59.6	17.0	21.6	38.6	43.7 (38.7-48.7)	
AUBURN	162	62.5	17.5	15.0	32.5	79.3	*	*	19.5	25.9 (19.2-32.7)	
AYER SHIRLEY	115	58.6	*	*	39.7	57.9	19.3	21.1	40.4	40.0 (31.0-49.0)	
BARNSTABLE	309	65.7	12.6	21.7	34.3	66.9	17.5	15.7	33.1	33.7 (28.4-38.9)	
BAYSTATE ACADEMY CS	59	48.1	*	*	48.1	53.1	*	*	46.9	47.5 (34.7-60.2)	

**Table 5. Body Mass Index Screening Results for Children in Grade 10 in Massachusetts School Districts, 2016-2017**

School District	Total number of students screened (N)	Males				Females				Males and Females Overweight or Obese (%, CI)
		Healthy Weight (%)	Over-weight (%)	Obese (%)	Overweight or Obese (%)	Healthy Weight (%)	Over-weight (%)	Obese (%)	Overweight or Obese (%)	
BEDFORD	205	69.2	12.5	13.5	26.0	72.3	15.8	10.9	26.7	26.3 (20.3-32.4)
BELCHERTOWN	186	63.8	12.4	22.9	35.2	64.2	*	*	33.3	34.4 (27.6-41.2)
BELLINGHAM	141	64.0	*	*	28.0	75.8	*	*	24.2	26.2 (19.0-33.5)
BELMONT	144	81.8	*	*	*	75.6	*	*	21.8	18.1 (11.8-24.3)
BERKSHIRE ARTS AND TECHNOLOGY CS	46	45.5	*	*	50.0	45.8	*	*	54.2	52.2 (37.7-66.6)
BERKSHIRE HILLS	140	68.9	*	*	31.1	60.6	*	*	39.4	35.0 (27.1-42.9)
BERLIN-BOYLSTON (REG + SU 60)	64	66.7	*	*	*	79.4	*	*	*	17.2 (7.9-26.4)
BEVERLY	281	70.2	10.7	18.2	28.9	59.4	13.8	25.6	39.4	34.9 (29.3-40.4)
BI-COUNTY COLLAB (BICO)	12	*	*	*	*	*	*	*	*	*
BILLERICA	239	65.8	16.2	17.9	34.2	65.6	19.7	14.8	34.4	34.3 (28.3-40.3)
BLACKSTONE VALLEY VOC TECH	315	64.4	16.3	16.3	32.5	76.8	8.4	12.9	21.3	27.0 (22.1-31.9)
BLACKSTONE-MILLVILLE	112	60.8	*	*	37.3	68.9	*	*	27.9	32.1 (23.5-40.8)
BLUE HILLS VOC TECH	217	64.7	14.3	21.0	35.3	55.1	16.3	28.6	44.9	39.6 (33.1-46.1)
BOSTON	1,792	55.3	14.6	27.4	41.9	54.0	17.4	27.2	44.5	43.1 (40.8-45.4)
BOSTON COLLEGIATE CS	48	68.4	*	*	*	65.5	*	*	34.5	33.3 (20.0-46.7)
BOSTON PREPARATORY CS	66	60.0	*	*	34.3	61.3	*	*	35.5	34.8 (23.4-46.3)
BOURNE	104	70.4	*	*	25.9	76.0	*	*	24.0	25.0 (16.7-33.3)
BRAINTREE	351	62.3	13.7	20.0	33.7	69.9	17.0	10.8	27.8	30.8 (25.9-35.6)
BRIDGEWATER-RAYNHAM	396	59.7	16.4	17.9	34.3	70.3	18.5	10.8	29.2	31.8 (27.2-36.4)
BRISTOL CTY AGR	109	47.6	*	*	*	48.9	*	*	35.2	35.8 (26.8-44.8)
BRISTOL-PLYMOUTH VOC TECH	308	52.1	20.2	24.5	44.7	55.8	15.8	26.7	42.5	43.8 (38.3-49.4)
BROCKTON	864	58.5	14.0	23.2	37.2	59.4	21.8	18.0	39.8	38.4 (35.2-41.7)
BROOKLINE	423	61.4	15.0	11.1	26.1	70.4	11.1	9.3	20.4	23.2 (19.1-27.2)
BURLINGTON	227	69.9	14.6	12.6	27.2	79.8	8.1	8.1	16.1	21.1 (15.8-26.5)

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School District	Total number of students screened (N)	Males				Females				Males and Females
		Healthy Weight (%)	Over-weight (%)	Obese (%)	Overweight or Obese (%)	Healthy Weight (%)	Over-weight (%)	Obese (%)	Overweight or Obese (%)	Overweight or Obese (%, CI)
CAMBRIDGE	339	67.9	16.0	13.4	29.4	75.0	12.5	9.9	22.4	26.3 (21.6-30.9)
CANTON	243	71.8	14.5	9.4	23.9	69.0	16.7	12.7	29.4	26.7 (21.2-32.3)
CAPE COD COLLAB	14	*	*	*	*	*	*	*	*	*
CAPE COD VOC TECH	141	53.9	20.2	25.8	46.1	50.0	19.2	30.8	50.0	47.5 (39.3-55.8)
CAPS ED COLLAB	*	*	*	*	*	*	*	*	*	*
CARVER	91	59.6	*	*	38.3	77.3	*	*	*	29.7 (20.3-39.1)
CENTRAL BERKSHIRE	128	68.0	*	*	29.3	56.6	22.6	20.8	43.4	35.2 (26.9-43.4)
CENTRAL MA SPED COLLAB	28	47.8	*	*	52.2	*	*	*	*	57.1 (38.8-75.5)
CHELMSFORD	321	68.6	15.4	13.7	29.1	67.8	19.2	11.6	30.8	29.9 (24.9-34.9)
CHELSEA	359	45.4	20.6	32.5	53.1	56.4	16.4	26.1	42.4	48.2 (43.0-53.4)
CHICOPEE	549	52.9	17.9	26.1	43.9	63.6	15.2	19.7	34.9	39.5 (35.4-43.6)
CITY ON A HILL CS--CIRCUIT STREET	18	*	*	*	*	*	*	*	*	*
CITY ON A HILL CS--DUDLEY SQUARE	46	68.4	*	*	*	63.0	*	*	37.0	34.8 (21.0-48.5)
CITY ON A HILL CS--NEW BEDFORD	40	50.0	*	*	50.0	61.1	*	*	*	45.0 (29.6-60.4)
CLINTON	91	64.3	*	*	35.7	67.3	*	*	30.6	33.0 (23.3-42.6)
CODMAN ACADEMY CS	44	43.5	*	*	52.2	*	*	*	52.4	52.3 (37.5-67.0)
COHASSET	114	81.0	*	*	19.0	80.4	*	*	19.6	19.3 (12.1-26.5)
COLLAB FOR ED SERVICES	*	*	*	*	*	*	*	*	*	*
COMMUNITY CS OF CAMBRIDGE	46	52.0	*	*	44.0	*	*	*	57.1	50.0 (35.6-64.4)
CONCORD-CARLISLE	335	78.1	10.0	8.8	18.8	78.9	*	*	20.0	19.4 (15.2-23.6)
DANVERS	245	53.2	12.1	21.8	33.9	61.2	18.2	15.7	33.9	33.9 (28.0-39.8)
DARTMOUTH	237	63.7	17.7	17.7	35.4	71.8	16.9	10.5	27.4	31.2 (25.3-37.1)
DEDHAM	168	58.1	19.8	20.9	40.7	62.2	19.5	17.1	36.6	38.7 (31.3-46.1)
DENNIS-YARMOUTH	158	61.3	14.7	20.0	34.7	69.9	*	*	27.7	31.0 (23.8-38.2)

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School District	Total number of students screened (N)	Males				Females				Males and Females
		Healthy Weight (%)	Over-weight (%)	Obese (%)	Overweight or Obese (%)	Healthy Weight (%)	Over-weight (%)	Obese (%)	Overweight or Obese (%)	Overweight or Obese (%), CI)
DIGHTON-REHOBOTH	199	60.0	15.5	20.0	35.5	75.3	13.5	11.2	24.7	30.7 (24.2-37.1)
DOUGLAS	88	44.7	*	*	48.9	68.3	*	*	31.7	40.9 (30.6-51.2)
DOVER-SHERBORN (REG + SU 50)	137	75.3	*	*	24.7	78.3	*	*	21.7	23.4 (16.3-30.4)
DRACUT	196	55.3	13.8	28.7	42.6	71.6	10.8	15.7	26.5	34.2 (27.5-40.8)
DUDLEY-CHARLTON	263	61.7	15.0	20.0	35.0	65.7	18.2	14.7	32.9	33.8 (28.1-39.6)
DUXBURY	255	73.4	11.7	12.5	24.2	74.0	15.0	7.9	22.8	23.5 (18.3-28.7)
EAST LONGMEADOW	206	67.6	*	*	23.5	69.2	*	*	27.9	25.7 (19.8-31.7)
EASTHAMPTON	128	71.6	*	*	28.4	65.6	*	*	32.8	30.5 (22.5-38.4)
EASTON	297	64.6	13.4	21.3	34.6	68.8	14.1	14.1	28.2	31.0 (25.7-36.2)
ESSEX NORTH SHORE AGR AND TFCH	278	57.0	18.0	23.4	41.4	68.7	13.3	16.0	29.3	34.9 (29.3-40.5)
EVERETT	418	55.4	14.9	28.2	43.1	56.0	21.8	21.3	43.1	43.1 (38.3-47.8)
EXCEL ACADEMY CS	104	58.2	21.8	18.2	40.0	53.1	20.4	26.5	46.9	43.3 (33.7-52.8)
FAIRHAVEN	148	57.3	18.7	21.3	40.0	53.4	20.5	24.7	45.2	42.6 (34.6-50.5)
FALL RIVER	314	51.4	11.6	32.9	44.5	45.2	25.0	26.2	51.2	48.1 (42.6-53.6)
FALMOUTH	204	64.2	17.9	16.8	34.7	73.4	*	*	25.7	29.9 (23.6-36.2)
FITCHBURG	275	50.7	15.2	32.6	47.8	54.7	19.0	24.8	43.8	45.8 (39.9-51.7)
FOUR RIVERS CS	29	93.3	*	*	*	78.6	*	*	*	*
FOXBOROUGH	163	67.0	*	*	25.0	72.0	*	*	28.0	26.4 (19.6-33.1)
FOXBOROUGH CS	70	52.5	*	*	42.5	46.7	*	*	50.0	45.7 (34.0-57.4)
FRAMINGHAM	128	61.0	*	*	37.7	54.9	23.5	19.6	43.1	39.8 (31.4-48.3)
FRANCIS W PARKER CS	57	57.1	*	*	39.3	89.7	*	*	*	24.6 (13.4-35.7)
FRANKLIN CTY VOC TECH	90	41.5	20.8	35.8	56.6	64.9	*	*	35.1	47.8 (37.5-58.1)
FREETOWN-LAKEVILLE	189	69.7	*	*	24.7	62.0	20.0	15.0	35.0	30.2 (23.6-36.7)
FRONTIER (REG + SU 38)	92	63.5	*	*	30.8	52.5	*	*	47.5	38.0 (28.1-48.0)
GARDNER	103	58.5	18.9	22.6	41.5	62.0	*	*	36.0	38.8 (29.4-48.2)
GATEWAY	58	56.7	*	*	43.3	71.4	*	*	*	34.5 (22.3-46.7)

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School District	Total number of students screened (N)	Males				Females				Males and Females	
		Healthy Weight (%)	Over-weight (%)	Obese (%)	Overweight or Obese (%)	Healthy Weight (%)	Over-weight (%)	Obese (%)	Overweight or Obese (%)	Overweight or Obese (%), CI)	
GEORGETOWN	99	86.7	*	*	*	88.9	*	*	*	*	*
GILL-MONTAGUE	48	51.9	*	*	48.1	57.1	*	*	*	45.8 (31.7-59.9)	
GLOBAL LEARNING CS	38	*	*	*	55.6	*	*	*	55.0	55.3 (39.5-71.1)	
GLOUCESTER	181	54.0	22.0	22.0	44.0	60.5	22.2	17.3	39.5	42.0 (34.8-49.2)	
GRAFTON	225	72.1	*	*	24.0	80.2	*	*	19.0	21.3 (16.0-26.7)	
GRANBY	48	48.3	*	*	48.3	78.9	*	*	*	37.5 (23.8-51.2)	
GREATER FALL RIVER VOC TECH	327	44.1	17.1	32.4	49.4	51.6	19.1	22.3	41.4	45.6 (40.2-51.0)	
GREATER LAWRENCE VOC TECH	387	54.3	17.6	26.6	44.2	50.0	26.6	22.3	48.9	46.5 (41.5-51.5)	
GREATER LOWELL VOC TECH	525	49.7	17.6	30.4	48.0	42.9	20.5	35.2	55.7	51.2 (47.0-55.5)	
GREATER NEW BEDFORD VOC TECH	561	51.5	13.1	32.5	45.6	47.0	18.8	30.3	49.1	47.4 (43.3-51.5)	
GREENFIELD	86	80.0	*	*	20.0	80.6	*	*	*	18.6 (10.4-26.8)	
GROTON-DUNSTABLE	106	69.4	*	*	27.4	75.0	*	*	*	24.5 (16.3-32.7)	
HADLEY	44	70.4	*	*	*	64.7	*	*	*	25.0 (12.2-37.8)	
HAMILTON-WENHAM	150	78.2	*	*	12.8	76.4	*	*	20.8	16.7 (10.7-22.6)	
HAMPDEN CS OF SCIENCE	39	73.3	*	*	*	79.2	*	*	*	*	*
HAMPDEN-WILBRAHAM	296	64.2	16.2	16.9	33.1	70.9	18.9	9.5	28.4	30.7 (25.5-36.0)	
HAMPSHIRE (REG + SU 66)	92	65.4	*	*	26.9	70.0	*	*	*	23.9 (15.2-32.6)	
HANOVER	196	65.0	18.8	12.0	30.8	72.2	*	*	27.8	29.6 (23.2-36.0)	
HARVARD	104	89.8	*	*	*	90.9	*	*	*	*	*
HATFIELD	10	*	*	*	*	*	*	*	*	*	*
HAVERHILL	360	61.4	15.3	19.9	35.2	60.3	17.9	17.9	35.9	35.6 (30.6-40.5)	
HINGHAM	248	66.7	19.5	13.0	32.5	73.6	15.2	11.2	26.4	29.4 (23.8-35.1)	
HOLBROOK	50	61.9	*	*	*	62.1	*	*	37.9	34.0 (20.9-47.1)	
HOLLISTON	184	70.8	*	*	25.8	73.7	*	*	26.3	26.1 (19.7-32.4)	
HOLYOKE	331	91.4	*	*	8.6	87.0	*	*	11.6	10.0 (6.7-13.2)	
HOPEDALE	77	87.2	*	*	*	86.8	*	*	*	*	*

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		Healthy Weight (%)	Over-weight (%)	Obese (%)	Overweight or Obese (%)	Healthy Weight (%)	Over-weight (%)	Obese (%)	Overweight or Obese (%)	Overweight or Obese (%), CI)
HOPKINTON	263	71.9	12.2	13.7	25.9	87.9	*	*	10.5	18.6 (13.9-23.3)
HUDSON	64	56.3	*	*	43.8	53.1	*	*	46.9	45.3 (33.1-57.5)
HULL	76	59.5	*	*	38.1	52.9	*	*	38.2	38.2 (27.2-49.1)
INNOVATION ACADEMY CS	92	78.9	*	*	*	72.2	*	*	27.8	25.0 (16.2-33.8)
IPSWICH	127	73.3	*	*	16.7	73.1	*	*	22.4	19.7 (12.8-26.6)
KING PHILIP	285	72.5	14.4	11.3	25.6	78.4	12.0	8.0	20.0	23.2 (18.3-28.1)
KIPP ACADEMY LYNN CS	87	63.2	*	*	36.8	46.9	*	*	53.1	46.0 (35.5-56.4)
LABBB COLLAB	18	*	*	*	*	*	*	*	*	*
LAWRENCE	640	60.1	14.1	24.4	38.6	52.9	23.7	21.9	45.6	42.2 (38.4-46.0)
LEE-TYRINGHAM	60	68.8	*	*	*	64.3	*	*	35.7	31.7 (19.9-43.4)
LEICESTER	94	62.2	*	*	35.6	57.1	*	*	42.9	39.4 (29.5-49.2)
LENOX	46	63.2	*	*	*	70.4	*	*	*	32.6 (19.1-46.2)
LEOMINSTER	432	63.6	17.8	16.2	34.0	67.0	11.9	18.9	30.8	32.6 (28.2-37.1)
LEXINGTON	493	75.5	14.1	7.5	21.6	76.6	*	*	19.8	20.7 (17.1-24.3)
LINCOLN-SUDBURY	365	70.8	18.5	8.2	26.7	77.6	12.4	8.2	20.6	23.8 (19.5-28.2)
LITTLETON	90	64.4	*	*	33.3	73.3	*	*	26.7	30.0 (20.5-39.5)
LONGMEADOW	127	85.7	*	*	14.3	70.2	*	*	28.1	20.5 (13.5-27.5)
LOWELL	591	67.9	22.6	5.5	28.1	60.3	23.0	9.5	32.5	30.5 (26.7-34.2)
LOWER PIONEER VALLEY ED COU I AR	10	*	*	*	*	*	*	*	*	*
LUDLOW	205	67.3	14.4	16.3	30.8	67.3	18.8	13.9	32.7	31.7 (25.3-38.1)
LUNENBURG	114	66.7	*	*	25.0	72.2	*	*	20.4	22.8 (15.1-30.5)
LYNN	902	51.2	21.2	25.1	46.3	52.4	26.0	19.7	45.7	46.0 (42.8-49.3)
LYNNFIELD	163	70.6	*	*	29.4	74.4	*	*	23.1	26.4 (19.6-33.1)
MALDEN	352	59.7	17.6	15.7	33.3	60.6	15.5	17.6	33.2	33.2 (28.3-38.2)
MANCHESTER ESSEX	77	79.4	*	*	*	76.7	*	*	23.3	22.1 (12.8-31.3)
MANSFIELD	266	47.5	18.2	22.2	40.4	76.0	16.2	6.6	22.8	29.3 (23.9-34.8)

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School District	Total number of students screened (N)	Males				Females				Males and Females Overweight or Obese (%, CI)
		Healthy Weight (%)	Over-weight (%)	Obese (%)	Overweight or Obese (%)	Healthy Weight (%)	Over-weight (%)	Obese (%)	Overweight or Obese (%)	
MARBLEHEAD	263	76.4	9.8	11.4	21.1	73.6	16.4	8.6	25.0	23.2 (18.1-28.3)
MARLBOROUGH	261	60.7	14.1	25.2	39.3	70.6	15.1	12.7	27.8	33.7 (28.0-39.5)
MARSHFIELD	351	68.7	16.9	12.7	29.5	74.6	11.9	12.4	24.3	26.8 (22.1-31.4)
MARTHA'S VINEYARD (REG + SU 19)	156	55.8	19.8	23.3	43.0	57.1	27.1	15.7	42.9	42.9 (35.2-50.7)
MARTHA'S VINEYARD CS	*	*	*	*	*	*	*	*	*	*
MASCONOMET (REG + TRI-TOWN SU 58)	335	68.6	15.1	11.6	26.7	81.6	9.2	8.0	17.2	22.1 (17.6-26.5)
MASHPEE	102	63.8	*	*	36.2	59.1	*	*	38.6	37.3 (27.9-46.6)
MAYNARD	95	51.1	25.5	23.4	48.9	64.6	*	*	33.3	41.1 (31.2-50.9)
MEDFIELD	197	69.6	*	*	25.5	83.2	*	*	16.8	21.3 (15.6-27.0)
MEDFORD	335	61.3	11.3	25.0	36.3	59.3	20.4	19.2	39.5	37.9 (32.7-43.1)
MEDWAY	174	63.1	14.3	16.7	31.0	76.7	*	*	23.3	27.0 (20.4-33.6)
MENDON-UPTON	128	75.5	*	*	*	82.3	*	*	15.2	16.4 (10.0-22.8)
METHUEN	276	58.3	17.3	22.0	39.3	59.3	20.4	15.7	36.1	38.0 (32.3-43.8)
MIDDLEBOROUGH	162	57.5	16.3	25.0	41.3	69.5	12.2	18.3	30.5	35.8 (28.4-43.2)
MILFORD	219	75.7	*	*	23.5	68.3	16.3	12.5	28.8	26.0 (20.2-31.8)
MILLBURY	101	61.8	*	*	32.7	60.9	*	*	37.0	34.7 (25.4-43.9)
MILLIS	95	73.3	*	*	26.7	76.0	*	*	24.0	25.3 (16.5-34.0)
MILTON	236	64.8	*	*	21.3	74.2	*	*	15.6	18.2 (13.3-23.1)
MINUTEMAN VOC TECH	117	52.9	22.9	22.9	45.7	66.0	*	*	34.0	41.0 (32.1-49.9)
MOHAWK TRAIL	69	65.6	*	*	34.4	56.8	*	*	43.2	39.1 (27.6-50.6)
MONOMOY	110	53.2	17.7	22.6	40.3	50.0	22.9	27.1	50.0	44.5 (35.3-53.8)
MONSON	70	62.9	*	*	34.3	74.3	*	*	*	30.0 (19.3-40.7)
MONTACHUSETT VOC TECH	349	62.6	8.0	25.3	33.3	61.7	10.9	22.9	33.7	33.5 (28.6-38.5)
MOUNT GREYLOCK	95	78.0	*	*	22.0	77.8	*	*	22.2	22.1 (13.8-30.4)
MYSTIC VALLEY CS	91	60.0	*	*	37.8	67.4	*	*	28.3	33.0 (23.3-42.6)
NANTUCKET	140	63.9	16.9	13.3	30.1	52.6	*	*	42.1	35.0 (27.1-42.9)

**Table 5. Body Mass Index Screening Results for Children in Grade 10 in Massachusetts School Districts, 2016-2017**

School District	Total number of students screened (N)	Males				Females				Males and Females
		Healthy Weight (%)	Over-weight (%)	Obese (%)	Overweight or Obese (%)	Healthy Weight (%)	Over-weight (%)	Obese (%)	Overweight or Obese (%)	Overweight or Obese (%), CI)
NARRAGANSETT	90	65.3	*	*	32.7	58.5	*	*	41.5	36.7 (26.7-46.6)
NASHOBA	205	70.2	13.8	13.8	27.7	77.5	9.9	10.8	20.7	23.9 (18.1-29.7)
NASHOBA VALLEY VOC TECH	137	63.3	21.5	15.2	36.7	56.9	20.7	20.7	41.4	38.7 (30.5-46.8)
NATICK	176	74.7	12.1	10.1	22.2	62.3	19.5	18.2	37.7	29.0 (22.3-35.7)
NAUSET (REG + SU 54)	228	67.3	12.1	15.9	28.0	64.5	16.5	16.5	33.1	30.7 (24.7-36.7)
NEEDHAM	443	76.4	10.7	6.7	17.3	86.7	6.4	4.6	11.0	14.2 (11.0-17.5)
NEW BEDFORD	382	46.7	20.0	30.5	50.5	40.7	19.8	38.4	58.1	53.9 (48.9-58.9)
NEWBURYPORT	180	59.1	20.5	18.2	38.6	56.5	23.9	19.6	43.5	41.1 (33.9-48.3)
NEWTON	564	75.3	11.1	9.1	20.3	82.8	10.8	5.2	16.0	18.3 (15.1-21.5)
NORFOLK CTY AGR	145	52.8	*	*	47.2	67.0	16.5	16.5	33.0	36.6 (28.7-44.4)
NORTH ADAMS	76	77.8	*	*	*	67.3	*	*	32.7	28.9 (18.8-39.1)
NORTH ANDOVER	409	70.3	17.3	11.9	29.2	79.2	10.6	9.2	19.8	24.4 (20.3-28.6)
NORTH ATTLEBOROUGH	277	61.6	16.4	20.5	37.0	67.2	18.3	13.0	31.3	34.3 (28.7-39.9)
NORTH BROOKFIELD	33	*	*	*	*	81.3	*	*	*	33.3 (17.2-49.4)
NORTH MIDDLESEX	169	60.3	13.7	23.3	37.0	71.9	*	*	28.1	32.0 (24.9-39.0)
NORTH READING	175	67.9	16.7	14.3	31.0	74.7	*	*	22.0	26.3 (19.8-32.8)
NORTHAMPTON	219	65.8	19.3	13.2	32.5	77.1	*	*	20.0	26.5 (20.6-32.3)
NORTHAMPTON-SMITH VOC AGR	137	53.8	16.7	28.2	44.9	62.7	18.6	18.6	37.3	41.6 (33.4-49.9)
NORTHBORO-SOUTHBORO (REG + SU 3)	355	73.5	13.0	11.1	24.1	77.7	11.9	8.8	20.7	22.3 (17.9-26.6)
NORTHBRIDGE	133	59.1	16.7	18.2	34.8	65.7	*	*	32.8	33.8 (25.8-41.9)
NORTHEAST METRO VOC TECH	277	53.8	22.8	22.8	45.5	50.0	25.8	23.5	49.2	47.3 (41.4-53.2)
NORTHERN BERKSHIRE VOC TECH	116	49.4	16.5	31.6	48.1	56.8	*	*	43.2	46.6 (37.5-55.6)
NORTHSORE EDUCATION CONSORTIUM	23	*	*	*	64.7	*	*	*	*	65.2 (45.8-84.7)
NORTON	183	69.1	15.5	10.3	25.8	70.9	*	*	26.7	26.2 (19.9-32.6)
NORWELL	145	73.1	*	*	25.4	70.5	*	*	26.9	26.2 (19.0-33.4)

**Table 5. Body Mass Index Screening Results for Children in Grade 10 in Massachusetts School Districts, 2016-2017**

School District	Total number of students screened (N)	Males				Females				Males and Females
		Healthy Weight (%)	Over-weight (%)	Obese (%)	Overweight or Obese (%)	Healthy Weight (%)	Over-weight (%)	Obese (%)	Overweight or Obese (%)	Overweight or Obese (%), CI)
NORWOOD	249	66.1	12.9	16.9	29.8	61.6	16.0	18.4	34.4	32.1 (26.3-37.9)
OLD COLONY VOC TECH	129	67.6	*	*	31.0	63.8	*	*	36.2	33.3 (25.2-41.5)
OLD ROCHESTER (REG + SU 55) OXFORD	170	77.2	*	*	20.3	83.5	*	*	13.2	16.5 (10.9-22.0)
PALMER	82	44.1	*	*	44.1	50.0	20.8	27.1	47.9	46.3 (35.5-57.1)
PATHFINDER VOC TECH	99	27.7	51.1	21.3	72.3	36.5	*	*	59.6	65.7 (56.3-75.0)
PAULO FREIRE SOCIAL JUSTICE CS	153	43.8	20.8	31.3	52.1	42.1	26.3	31.6	57.9	54.2 (46.4-62.1)
PEABODY	58	62.1	*	*	34.5	51.7	*	*	44.8	39.7 (27.1-52.2)
PEMBROKE	320	43.2	21.0	32.1	53.1	55.1	19.0	25.9	44.9	49.1 (43.6-54.5)
PENTUCKET	238	69.8	*	*	26.7	74.6	*	*	24.6	25.6 (20.1-31.2)
PHOENIX ACADEMY CHS SPRINGFIELD	152	64.9	*	*	28.4	74.4	*	*	23.1	25.7 (18.7-32.6)
PIONEER CS OF SCIENCE I	12	*	*	*	*	*	*	*	*	*
PIONEER CS OF SCIENCE II	55	69.6	*	*	*	75.0	*	*	*	25.5 (13.9-37.0)
PIONEER VALLEY	42	66.7	*	*	*	66.7	*	*	*	33.3 (19.1-47.6)
PITTSFIELD	61	75.0	*	*	*	75.9	*	*	*	24.6 (13.8-35.4)
PLYMOUTH	253	64.6	10.2	12.6	22.8	56.3	23.8	9.5	33.3	28.1 (22.5-33.6)
QUABBIN	558	61.5	13.6	23.1	36.7	64.7	19.1	14.7	33.8	35.3 (31.3-39.3)
QUABOAG	94	61.1	*	*	37.0	67.2	*	*	32.8	34.7 (26.2-43.3)
QUINCY	118	62.0	*	*	38.0	52.3	25.0	22.7	47.7	42.6 (32.6-52.5)
READING	305	63.5	15.5	17.1	32.6	67.8	19.6	10.6	30.2	31.5 (28.0-35.0)
READS COLLAB	*	*	*	*	*	*	*	*	*	*
REVERE	586	71.9	15.0	11.1	26.1	77.0	11.8	6.6	18.4	22.3 (17.6-27.0)
RISING TIDE CS	67	51.4	*	*	37.1	75.0	*	*	*	29.9 (18.9-40.8)

**Table 5. Body Mass Index Screening Results for Children in Grade 10 in Massachusetts School Districts, 2016-2017**

School District	Total number of students screened (N)	Males				Females				Males and Females
		Healthy Weight (%)	Over-weight (%)	Obese (%)	Overweight or Obese (%)	Healthy Weight (%)	Over-weight (%)	Obese (%)	Overweight or Obese (%)	Overweight or Obese (%, CI)
ROCKLAND	114	54.5	*	*	38.2	62.7	*	*	28.8	33.3 (24.7-42.0)
ROCKPORT	77	55.3	*	*	44.7	66.7	*	*	28.2	36.4 (25.6-47.1)
SALEM	232	53.2	19.4	25.8	45.2	58.3	17.6	23.1	40.7	43.1 (36.7-49.5)
SALEM ACADEMY CS	58	62.5	*	*	*	64.7	*	*	29.4	32.8 (20.7-44.8)
SANDWICH	155	67.5	13.0	16.9	29.9	67.9	*	*	30.8	30.3 (23.1-37.6)
SCITUATE	183	72.2	*	*	21.1	76.3	*	*	21.5	21.3 (15.4-27.2)
SEEKONK	134	81.7	*	*	16.7	70.3	*	*	27.0	22.4 (15.3-29.4)
SHARON	250	67.2	19.5	10.2	29.7	73.0	13.1	11.5	24.6	27.2 (21.7-32.7)
SHAWSHEEN VALLEY VOC TECH	315	62.4	15.0	19.1	34.1	56.3	12.0	31.0	43.0	38.1 (32.7-43.5)
SHREWSBURY	402	65.5	17.0	12.9	29.8	77.5	13.9	7.4	21.2	24.9 (20.6-29.1)
SILVER LAKE (REG + SU 31)	224	66.4	18.9	12.3	31.1	67.6	20.6	11.8	32.4	31.7 (25.6-37.8)
SIZER: A NORTH CENTRAL ESSENTIAL CS	54	60.0	*	*	36.7	50.0	*	*	50.0	42.6 (29.4-55.8)
SOMERSET BERKLEY	262	55.0	18.3	22.5	40.8	56.3	26.1	17.6	43.7	42.4 (36.4-48.3)
SOMERVILLE	330	53.8	19.0	26.1	45.1	52.1	24.0	23.3	47.3	46.1 (40.7-51.4)
SOUTH HADLEY	117	64.8	*	*	33.3	68.3	*	*	30.2	31.6 (23.2-40.0)
SOUTH MIDDLESEX VOC TECH	156	64.1	10.9	22.8	33.7	48.4	17.2	34.4	51.6	41.0 (33.3-48.7)
SOUTH SHORE CS	60	77.8	*	*	*	84.8	*	*	*	*
SOUTH SHORE ED COLLAB	18	*	*	*	*	*	*	*	*	*
SOUTH SHORE VOC TECH	149	46.1	17.6	34.3	52.0	59.6	*	*	40.4	48.3 (40.3-56.3)
SOUTHBridge	100	38.6	*	*	54.5	51.8	25.0	19.6	44.6	49.0 (39.2-58.8)
SOUTHEASTERN VOC TECH	333	58.6	14.4	25.3	39.7	50.9	18.9	29.6	48.4	43.8 (38.5-49.2)
SOUTHERN BERKSHIRE	46	72.2	*	*	*	64.3	*	*	35.7	32.6 (19.1-46.2)
SOUTHERN WORCESTER CTY VOC TECH	284	50.9	22.8	17.5	40.4	53.1	18.6	25.7	44.2	41.9 (36.2-47.6)

**Table 5. Body Mass Index Screening Results for Children in Grade 10 in Massachusetts School Districts, 2016-2017**

School District	Total number of students screened (N)	Males				Females				Males and Females
		Healthy Weight (%)	Over-weight (%)	Obese (%)	Overweight or Obese (%)	Healthy Weight (%)	Over-weight (%)	Obese (%)	Overweight or Obese (%)	Overweight or Obese (%), CI)
SOUTHWICK-TOLLAND-GRANVILLE	97	62.5	*	*	37.5	71.4	*	*	28.6	33.0 (23.6-42.3)
SPENCER-E BROOKFIELD	91	38.3	23.4	38.3	61.7	65.9	*	*	31.8	47.3 (37.0-57.5)
SPRINGFIELD	1,417	58.0	15.1	24.4	39.5	54.9	20.1	23.5	43.7	41.6 (39.0-44.1)
STONEHAM	174	58.5	22.0	17.1	39.0	70.7	*	*	29.3	33.9 (26.9-40.9)
STOUGHTON	274	50.3	17.7	22.4	40.1	63.0	17.3	19.7	37.0	38.7 (32.9-44.5)
STURGIS CS	196	72.5	12.5	15.0	27.5	71.6	14.7	12.9	27.6	27.6 (21.3-33.8)
SUTTON	102	69.8	*	*	27.9	69.5	*	*	27.1	27.5 (18.8-36.1)
SWANSEA	132	66.7	17.4	15.9	33.3	60.3	*	*	38.1	35.6 (27.4-43.8)
TANTASQUA (REG + SU 61)	288	59.4	16.8	15.5	32.3	69.2	10.5	11.3	21.8	27.4 (22.3-32.6)
TAUNTON	405	53.5	15.0	27.8	42.8	52.8	17.4	29.4	46.8	44.9 (40.1-49.8)
TEWKSBURY	228	55.4	18.2	24.0	42.1	62.6	20.6	15.9	36.4	39.5 (33.1-45.8)
THE EDUCATION COOPERATIVE (TEC)	17	*	*	*	*	*	*	*	*	*
TRITON	182	67.9	15.5	16.7	32.1	64.3	20.4	14.3	34.7	33.5 (26.7-40.4)
TYNGSBOROUGH	123	63.5	*	*	27.0	68.3	*	*	31.7	29.3 (21.2-37.3)
UPPER CAPE COD VOC TECH	165	57.1	18.1	21.9	40.0	51.7	28.3	18.3	46.7	42.4 (34.9-50.0)
UXBRIDGE	119	82.4	*	*	17.6	80.4	*	*	19.6	18.5 (11.5-25.5)
WACHUSSETT	571	66.5	13.1	19.2	32.3	74.0	14.5	9.0	23.5	27.5 (23.8-31.2)
WAKEFIELD	211	72.2	*	*	23.7	71.9	*	*	26.3	25.1 (19.3-31.0)
WALPOLE	297	64.0	17.3	18.7	36.0	80.4	*	*	19.0	26.9 (21.9-32.0)
WALTHAM	375	51.6	18.2	28.6	46.9	62.8	18.6	18.6	37.2	42.1 (37.1-47.1)
WARE	76	55.9	*	*	44.1	54.8	*	*	42.9	43.4 (32.3-54.6)
WAREHAM	109	47.7	15.4	30.8	46.2	52.3	25.0	22.7	47.7	46.8 (37.4-56.2)
WATERTOWN	167	65.9	17.0	13.6	30.7	75.9	*	*	21.5	26.3 (19.7-33.0)

**Table 5. Body Mass Index Screening Results for Children in Grade 10 in Massachusetts School Districts, 2016-2017**

School District	Total number of students screened (N)	Males				Females				Males and Females
		Healthy Weight (%)	Over-weight (%)	Obese (%)	Overweight or Obese (%)	Healthy Weight (%)	Over-weight (%)	Obese (%)	Overweight or Obese (%)	Overweight or Obese (%), CI)
WAYLAND	195	69.2	11.2	12.1	23.4	83.0	*	*	13.6	19.0 (13.5-24.5)
WEBSTER	119	52.6	22.8	22.8	45.6	56.5	21.0	21.0	41.9	43.7 (34.8-52.6)
WELLESLEY	377	80.6	*	*	14.7	88.4	*	*	10.6	12.5 (9.1-15.8)
WEST BOYLSTON	63	48.3	*	*	41.4	44.1	*	*	52.9	47.6 (35.3-60.0)
WEST BRIDGEWATER	96	56.1	*	*	43.9	67.3	*	*	32.7	37.5 (27.8-47.2)
WESTBOROUGH	269	71.8	9.9	13.7	23.7	72.5	*	*	24.6	24.2 (19.0-29.3)
WESTFIELD	389	64.7	11.4	13.6	25.0	66.8	16.1	8.8	24.9	24.9 (20.6-29.2)
WESTFORD	438	69.9	14.0	11.0	25.0	81.2	11.9	5.9	17.8	21.7 (17.8-25.5)
WESTON	204	88.8	*	*	11.2	90.6	*	*	*	9.3 (5.3-13.3)
WESTPORT	47	65.6	*	*	34.4	*	*	*	*	36.2 (22.4-49.9)
WESTWOOD	256	67.7	20.0	10.8	30.8	73.8	11.9	12.7	24.6	27.7 (22.3-33.2)
WEYMOUTH	381	56.8	18.0	21.8	39.8	70.9	11.4	15.4	26.9	33.9 (29.1-38.6)
WHITTIER VOC TECH	332	54.1	17.1	23.8	40.9	47.0	17.9	25.2	43.0	41.9 (36.6-47.2)
WILMINGTON	184	68.3	13.5	15.4	28.8	75.0	*	*	23.8	26.6 (20.2-33.0)
WINCHESTER	270	76.1	10.4	11.9	22.4	77.2	*	*	22.1	22.2 (17.3-27.2)
WINTHROP	143	54.2	22.9	18.1	41.0	66.7	*	*	31.7	37.1 (29.1-45.0)
WOBURN	268	63.6	9.3	23.3	32.6	64.0	16.5	15.8	32.4	32.5 (26.9-38.1)
WORCESTER	1,292	47.1	18.3	23.3	41.5	41.2	23.6	26.0	49.6	45.9 (43.2-48.6)

Notes: Data that did not pass data quality tests were excluded from the analysis. For more information, please reference the *Methods* section of this report. *CI* = 95% confidence interval. In children and teens, BMI level is expressed relative to other children of the same age and sex at birth, and is referred to as the BMI-for-age percentile. The presentation in the table uses the terms *Male* and *Female* to indicate sex assigned at birth, as this corresponds to the way BMI-for-age is defined. It does not reflect gender identity. The phrase *Males and Females* includes all students without exception. *Underweight* – BMI for age percentile < 5<sup>th</sup> percentile; *Healthy weight* – BMI for age percentile between 5<sup>th</sup> and 85<sup>th</sup> percentile; *Overweight* – BMI for age percentile between 85<sup>th</sup> and 95<sup>th</sup> percentile; *Obese* – BMI for age percentile ≥ 95<sup>th</sup> percentile.

\* Data is suppressed when there are fewer than 10 individuals in a cell. NA: Not Applicable (No students in a gender group were screened).

**Table 6. Underweight Children in Grades 1, 4, 7, 10 in Massachusetts School Districts, 2016-2017**

School District	Total number of students screened (N)	Percent Underweight		
		Males (%)	Females (%)	Males and Females (%, CI)
<b>TOTAL</b>	<b>242,362</b>	<b>3.4</b>	<b>3.1</b>	<b>3.3 (3.2-3.3)</b>
ABBY KELLEY FOSTER CS	354	*	*	* *
ABINGTON	540	5.7	10.5	8.1 (5.8-10.5)
ACADEMY OF PACIFIC RIM CS	132	*	*	* *
ACTON-BOXBOROUGH	1,480	5.2	3.1	4.2 (3.2-5.2)
ACUSHNET	79	*	*	* *
ADAMS-CHESHIRE	335	*	*	* *
ADVANCED MATH AND SCIENCE ACADEMY CS	273	*	*	4.4 (2.0-6.8)
ALMA DEL MAR CS	71	*	*	* *
AMESBURY	615	*	*	3.6 (2.1-5.0)
AMHERST-PELHAM (REG + SU 26)	743	*	*	2.3 (1.2-3.4)
ANDOVER	1,753	3.2	2.7	3.0 (2.2-3.8)
ARGOSY COLLEGIATE CS	102	*	*	* *
ARLINGTON	1,544	2.7	4.5	3.6 (2.7-4.6)
ASHBURNHAM-WESTMINSTER	655	*	*	2.3 (1.1-3.4)
ASHLAND	756	*	*	2.1 (1.1-3.1)
ASSABET VALLEY COLLAB	*	*	*	* *
ASSABET VALLEY VOC TECH	273	*	*	* *
ATHOL-ROYALSTON	166	*	*	* *
ATLANTIS CS	274	*	*	7.3 (4.2-10.4)
ATTLEBORO	1,732	5.3	5.7	5.5 (4.4-6.6)
AUBURN	745	*	*	2.1 (1.1-3.2)
AVON	105	*	*	* *
AYER SHIRLEY	505	*	*	* *
BARNSTABLE	1,509	1.9	1.5	1.7 (1.0-2.3)
BAYSTATE ACADEMY CS	131	*	*	* *
BEDFORD	807	3.4	2.5	3.0 (1.8-4.1)
BELCHERTOWN	714	2.9	4.3	3.5 (2.2-4.8)

**Table 6. Underweight Children in Grades 1, 4, 7, 10 in Massachusetts School Districts, 2016-2017**

School District	Total number of students screened (N)	Percent Underweight		
		Males (%)	Females (%)	Males and Females (%, CI)
BELLINGHAM	472	8.7	6.5	7.6 (5.2-10.0)
BELMONT	437	*	*	3.4 (1.7-5.1)
BENJAMIN BANNEKER CS	98	*	*	*
BENJAMIN FRANKLIN CS	149	*	*	*
BERKSHIRE ARTS AND TECHNOLOGY CS	112	*	*	*
BERKSHIRE HILLS	379	*	*	4.7 (2.6-6.9)
BERLIN-BOYLSTON (REG + SU 60)	216	*	*	5.1 (2.2-8.0)
BEVERLY	1,310	2.9	3.2	3.1 (2.1-4.0)
BI-COUNTY COLLAB (BICO)	39	*	*	*
BILLERICA	1,397	2.3	1.7	2.0 (1.3-2.7)
BLACKSTONE VALLEY VOC TECH	315	*	*	*
BLACKSTONE-MILLVILLE	551	8.1	5.4	6.7 (4.6-8.8)
BLUE HILLS VOC TECH	217	*	*	*
BOSTON	10,023	3.0	2.4	2.7 (2.4-3.0)
BOSTON COLLEGIATE CS	116	*	*	*
BOSTON PREPARATORY CS	124	*	*	*
BOSTON RENAISSANCE CS	252	*	*	7.5 (4.3-10.8)
BOURNE	557	5.7	3.6	4.7 (2.9-6.4)
BRAINTREE	1,714	3.4	2.5	2.9 (2.1-3.7)
BRIDGEWATER-RAYNHAM	1,641	2.8	2.0	2.4 (1.7-3.2)
BRISTOL CTY AGR	109	*	*	15.6 (8.8-22.4)
BRISTOL-PLYMOUTH VOC TECH	308	*	*	*
BROCKTON	4,323	2.4	1.4	1.9 (1.5-2.3)
BROOKLINE	2,231	6.2	6.4	6.3 (5.3-7.3)
BURLINGTON	1,051	4.9	5.0	4.9 (3.6-6.3)
CAMBRIDGE	1,752	3.4	3.1	3.3 (2.4-4.1)
CANTON	954	2.4	3.2	2.8 (1.8-3.9)
CAPE COD COLLAB	33	*	*	*
CAPE COD LIGHTHOUSE CS	83	*	*	*
CAPE COD VOC TECH	141	*	*	*

**Table 6. Underweight Children in Grades 1, 4, 7, 10 in Massachusetts School Districts, 2016-2017**

School District	Total number of students screened (N)	Percent Underweight		
		Males (%)	Females (%)	Males and Females (%, CI)
CAPS ED COLLAB	32	*	*	* *
CARVER	402	*	*	2.7 (1.1-4.3)
CENTRAL BERKSHIRE	435	*	*	* *
CENTRAL MA SPED COLLAB	77	*	*	* *
CHELMSFORD	1,399	2.7	3.5	3.1 (2.2-4.0)
CHELSEA	1,845	2.4	2.0	2.2 (1.5-2.9)
CHICOPEE	1,968	2.8	2.4	2.6 (1.9-3.3)
CHRISTA McAULIFFE CS	119	*	*	* *
CITY ON A HILL CS--CIRCUIT STREET	18	*	*	* *
CITY ON A HILL CS--DUDLEY SQUARE	46	*	*	* *
CITY ON A HILL CS--NEW BEDFORD	40	*	*	* *
CLINTON	496	*	*	3.4 (1.8-5.0)
CODMAN ACADEMY CS	104	*	*	* *
COHASSET	467	*	*	* *
COLLAB FOR ED SERVICES	*	*	*	* *
COMMUNITY CS OF CAMBRIDGE	89	*	*	* *
COMMUNITY DAY CS	116	*	*	* *
CONCORD-CARLISLE	1,057	4.2	4.1	4.2 (3.0-5.4)
DANVERS	1,026	4.4	3.4	3.9 (2.7-5.1)
DARTMOUTH	1,097	5.0	3.6	4.4 (3.2-5.6)
DEDHAM	783	*	*	2.4 (1.3-3.5)
DENNIS-YARMOUTH	757	2.9	2.7	2.8 (1.6-3.9)
DIGHTON-REHOBOTH	844	*	*	1.4 (.6-2.2)
DOUGLAS	390	*	*	2.6 (1.0-4.1)
DOVER-SHERBORN (REG + SU 50)	594	*	*	* *
DRACUT	1,050	4.1	2.0	3.0 (2.0-4.1)
DUDLEY-CHARLTON	1,141	4.2	4.6	4.4 (3.2-5.6)
DUXBURY	947	4.1	4.4	4.2 (2.9-5.5)
EAST LONGMEADOW	795	*	*	2.8 (1.6-3.9)
EASTHAMPTON	278	*	*	* *

**Table 6. Underweight Children in Grades 1, 4, 7, 10 in Massachusetts School Districts, 2016-2017**

School District	Total number of students screened (N)	Percent Underweight		
		Males (%)	Females (%)	Males and Females (%, CI)
EASTON	1,109	2.2	3.5	2.9 (1.9-3.9)
ERVING (SU 28)	135	*	*	*
ESSEX NORTH SHORE AGR AND TECH	278	*	*	*
EVERETT	1,864	2.5	1.1	1.8 (1.2-2.4)
EXCEL ACADEMY CS	271	*	*	*
FAIRHAVEN	597	*	*	2.8 (1.5-4.2)
FALL RIVER	2,628	11.6	12.2	11.9 (10.7-13.2)
FALMOUTH	1,028	2.1	2.0	2.0 (1.2-2.9)
FARMINGTON RIVER	29	*	*	*
FITCHBURG	1,376	3.5	2.4	3.0 (2.1-3.9)
FOUR RIVERS CS	64	*	*	*
FOXBOROUGH	720	*	*	3.6 (2.2-5.0)
FOXBOROUGH CS	415	*	*	2.9 (1.3-4.5)
FRAMINGHAM	1,701	3.7	1.8	2.8 (2.0-3.5)
FRANCIS W PARKER CS	122	*	*	*
FRANKLIN CTY VOC TECH	90	*	*	*
FREETOWN-LAKEVILLE	823	2.9	2.3	2.6 (1.5-3.6)
FRONTIER (REG + SU 38)	414	*	*	3.6 (1.8-5.4)
GARDNER	616	*	*	3.4 (2.0-4.8)
GATEWAY	254	*	*	*
GEORGETOWN	396	*	*	4.3 (2.3-6.3)
GILL-MONTAGUE	275	*	*	*
GLOBAL LEARNING CS	105	*	*	*
GLOUCESTER	850	*	*	2.4 (1.3-3.4)
GRAFTON	953	*	*	2.3 (1.4-3.3)
GRANBY	211	*	*	*
GREATER FALL RIVER VOC TECH	327	6.5	7.0	6.7 (4.0-9.4)
GREATER LAWRENCE VOC TECH	387	*	*	*
GREATER LOWELL VOC TECH	525	*	*	1.9 (.7-3.1)
GREATER NEW BEDFORD VOC TECH	561	*	*	3.4 (1.9-4.9)

**Table 6. Underweight Children in Grades 1, 4, 7, 10 in Massachusetts School Districts, 2016-2017**

School District	Total number of students screened (N)	Percent Underweight		
		Males (%)	Females (%)	Males and Females (%, CI)
GREENFIELD	464	*	*	3.0 (1.5-4.6)
GROTON-DUNSTABLE	545	*	*	2.8 (1.4-4.1)
HADLEY	163	*	*	* *
HAMILTON-WENHAM	539	*	*	3.0 (1.5-4.4)
HAMPDEN CS OF SCIENCE	118	*	*	* *
HAMPDEN-WILBRAHAM	925	*	*	1.8 (1.0-2.7)
HAMPSHIRE (REG + SU 66)	511	*	*	3.1 (1.6-4.6)
HANOVER	784	*	*	2.3 (1.2-3.3)
HARVARD	368	6.7	8.4	7.6 (4.9-10.3)
HATFIELD	113	*	*	* *
HAVERHILL	1,818	2.2	2.5	2.4 (1.7-3.1)
HILL VIEW MONTESSORI CS	85	*	*	18.8 (10.5-27.1)
HILLTOWN COOPERATIVE CS	73	*	*	* *
HINGHAM	1,269	3.0	1.9	2.4 (1.6-3.3)
HOLBROOK	320	*	*	3.4 (1.4-5.4)
HOLLISTON	846	*	*	2.7 (1.6-3.8)
HOLYOKE	828	3.0	2.5	2.8 (1.7-3.9)
HOLYOKE COMMUNITY CS	206	*	*	* *
HOPEDALE	321	*	*	* *
HOPKINTON	1,027	3.5	2.7	3.1 (2.1-4.2)
HUDSON	661	*	*	1.8 (.8-2.8)
HULL	248	*	*	* *
INNOVATION ACADEMY CS	184	*	*	* *
IPSWICH	538	*	*	2.4 (1.1-3.7)
KING PHILIP	1,151	2.2	3.1	2.6 (1.7-3.5)
KIPP ACADEMY BOSTON CS	399	*	*	* *
KIPP ACADEMY LYNN CS	313	*	*	* *
LABBB COLLAB	46	*	*	23.9 (11.6-36.2)
LAWRENCE	3,654	2.3	2.1	2.2 (1.7-2.7)
LEE-TYRINGHAM	200	*	*	* *

**Table 6. Underweight Children in Grades 1, 4, 7, 10 in Massachusetts School Districts, 2016-2017**

School District	Total number of students screened (N)	Percent Underweight		
		Males (%)	Females (%)	Males and Females (%, CI)
LEICESTER	449	*	*	3.6 (1.8-5.3)
LENOX	214	*	*	* *
LEOMINSTER	1,726	3.4	1.3	2.4 (1.7-3.1)
LEXINGTON	2,098	3.1	3.7	3.4 (2.6-4.2)
LINCOLN-SUDSBURY	1,628	4.3	3.2	3.7 (2.8-4.7)
LITTLETON	432	*	*	3.0 (1.4-4.6)
LONGMEADOW	686	*	*	2.3 (1.2-3.5)
LOWELL	3,979	3.2	7.3	5.2 (4.5-5.9)
LOWELL COLLEGIATE CS	196	*	*	* *
LOWELL COMMUNITY CS	219	*	*	* *
LOWER PIONEER VALLEY ED COLLAB	10	*	*	* *
LUDLOW	776	*	*	2.6 (1.5-3.7)
LUNENBURG	498	*	*	4.2 (2.5-6.0)
LYNN	4,398	2.7	2.9	2.8 (2.3-3.3)
LYNNFIELD	664	*	*	1.5 (.6-2.4)
MALDEN	1,780	5.5	5.6	5.6 (4.5-6.6)
MANCHESTER ESSEX	372	5.6	5.2	5.4 (3.1-7.7)
MANSFIELD	1,107	4.0	2.7	3.3 (2.3-4.4)
MARBLEHEAD	951	3.9	4.3	4.1 (2.8-5.4)
MARBLEHEAD COMMUNITY CS	93	*	*	17.2 (9.5-24.9)
MARLBOROUGH	1,295	2.5	2.5	2.5 (1.6-3.3)
MARSHFIELD	1,322	*	*	1.5 (.9-2.2)
MARTHA'S VINEYARD (REG + SU 19)	521	*	*	* *
MARTHA'S VINEYARD CS	48	*	*	* *
MARTIN LUTHER KING JR. CS OF EXCELLENCE	116	*	*	* *
MASCONOMET (REG + TRI-TOWN SU 58)	1,267	3.3	4.6	3.9 (2.9-5.0)
MASHPEE	486	*	*	3.1 (1.5-4.6)
MAYNARD	431	*	*	* *
MEDFIELD	759	4.1	3.2	3.7 (2.3-5.0)
MEDFORD	1,196	2.4	2.0	2.2 (1.3-3.0)

**Table 6. Underweight Children in Grades 1, 4, 7, 10 in Massachusetts School Districts, 2016-2017**

School District	Total number of students screened (N)	Percent Underweight		
		Males (%)	Females (%)	Males and Females (%, CI)
MEDWAY	699	3.7	3.4	3.6 (2.2-5.0)
MELROSE	590	*	*	2.2 (1.0-3.4)
MENDON-UPTON	593	*	*	2.9 (1.5-4.2)
METHUEN	1,885	4.4	5.5	4.9 (4.0-5.9)
MIDDLEBOROUGH	870	2.3	3.0	2.6 (1.6-3.7)
MILFORD	1,132	3.1	2.6	2.8 (1.9-3.8)
MILLBURY	518	*	*	*
MILLIS	362	*	*	*
MILTON	1,190	5.6	6.5	6.1 (4.7-7.4)
MINUTEMAN VOC TECH	117	*	*	*
MOHAWK TRAIL	314	*	*	*
MONOMOY	568	*	*	*
MONSON	208	*	*	*
MONTACHUSETT VOC TECH	349	*	*	4.3 (2.2-6.4)
MOUNT GREYLOCK	361	*	*	*
MYSTIC VALLEY CS	416	*	*	4.6 (2.6-6.6)
NANTUCKET	470	*	*	2.8 (1.3-4.2)
NARRAGANSETT	399	*	*	2.5 (1.0-4.0)
NASHOBA	941	4.8	3.3	4.0 (2.8-5.3)
NASHOBA VALLEY VOC TECH	137	*	*	*
NATICK	1,370	3.8	2.2	3.0 (2.1-3.9)
NAUSET (REG + SU 54)	738	2.7	2.7	2.7 (1.5-3.9)
NEEDHAM	1,819	6.2	6.0	6.1 (5.0-7.2)
NEIGHBORHOOD HOUSE CS	125	*	*	*
NEW BEDFORD	3,556	1.9	2.1	2.0 (1.5-2.5)
NEW HEIGHTS CS OF BROCKTON	104	*	*	*
NEWBURYPORT	591	*	*	1.7 (.7-2.7)
NEWTON	3,120	4.1	3.1	3.6 (3.0-4.3)
NORFOLK CTY AGR	145	*	*	*
NORTH ADAMS	407	*	*	*

**Table 6. Underweight Children in Grades 1, 4, 7, 10 in Massachusetts School Districts, 2016-2017**

School District	Total number of students screened (N)	Percent Underweight		
		Males (%)	Females (%)	Males and Females (%, CI)
NORTH ANDOVER	1,478	2.4	3.1	2.8 (1.9-3.6)
NORTH ATTLEBOROUGH	1,332	1.8	2.9	2.3 (1.5-3.1)
NORTH BROOKFIELD	149	*	*	*
NORTH MIDDLESEX	169	*	*	*
NORTH READING	658	*	*	2.1 (1.0-3.2)
NORTH RIVER COLLAB	*	*	*	*
NORTHAMPTON	738	*	*	1.8 (.8-2.7)
NORTHAMPTON-SMITH VOC AGR	137	*	*	*
NORTHBORO-SOUTHBORO (REG + SU 3)	1,370	4.9	2.7	3.8 (2.8-4.8)
NORTHBRIDGE	635	4.6	3.4	3.9 (2.4-5.4)
NORTHEAST METRO VOC TECH	277	*	*	*
NORTHERN BERKSHIRE VOC TECH	116	*	*	*
NORTHSHERE EDUCATION CONSORTIUM	51	*	*	*
NORTON	713	4.4	2.9	3.6 (2.3-5.0)
NORWELL	636	*	*	3.6 (2.2-5.1)
NORWOOD	1,036	3.7	2.9	3.3 (2.2-4.4)
OLD COLONY VOC TECH	129	*	*	*
OLD ROCHESTER (REG + SU 55)	775	3.6	3.6	3.6 (2.3-4.9)
OXFORD	473	*	*	2.5 (1.1-4.0)
PALMER	425	*	*	*
PATHFINDER VOC TECH	153	*	*	*
PAULO FREIRE SOCIAL JUSTICE CS	58	*	*	*
PEABODY	1,466	2.5	2.7	2.6 (1.8-3.4)
PEMBROKE	905	2.5	2.5	2.5 (1.5-3.6)
PENTUCKET	748	*	*	3.9 (2.5-5.3)
PHOENIX ACADEMY CHS SPRINGFIELD	12	*	*	*
PIONEER CS OF SCIENCE I	183	*	*	*
PIONEER CS OF SCIENCE II	114	*	*	13.2 (7.0-19.4)
PIONEER VALLEY	237	*	*	*
PITTSFIELD	1,449	6.6	4.6	5.7 (4.5-6.8)

**Table 6. Underweight Children in Grades 1, 4, 7, 10 in Massachusetts School Districts, 2016-2017**

School District	Total number of students screened (N)	Percent Underweight		
		Males (%)	Females (%)	Males and Females (%, CI)
PLYMOUTH	2,190	2.4	2.6	2.5 (1.9-3.2)
QUABBIN	595	*	*	3.4 (1.9-4.8)
QUABOAG	401	*	*	*
QUINCY	2,669	4.8	3.4	4.1 (3.4-4.9)
RALPH C MAHAR	112	*	*	*
READING	1,258	3.9	3.7	3.8 (2.8-4.9)
READS COLLAB	25	*	*	*
REVERE	2,214	1.5	1.7	1.6 (1.1-2.2)
RISING TIDE CS	148	*	*	*
RIVER VALLEY CS	94	*	*	19.1 (11.2-27.1)
ROCKLAND	619	*	*	3.1 (1.7-4.4)
ROCKPORT	285	*	*	3.5 (1.4-5.6)
SALEM	1,236	1.9	2.0	1.9 (1.2-2.7)
SALEM ACADEMY CS	129	*	*	10.1 (4.9-15.3)
SANDWICH	778	*	*	2.7 (1.6-3.8)
SCITUATE	797	*	*	2.8 (1.6-3.9)
SEEKONK	597	5.0	4.4	4.7 (3.0-6.4)
SHAKER MOUNTAIN (SU 70)	60	*	*	*
SHARON	922	5.3	3.1	4.2 (2.9-5.5)
SHAWSHEEN VALLEY VOC TECH	315	*	*	*
SHREWSBURY	1,741	4.6	3.0	3.8 (2.9-4.7)
SILVER LAKE (REG + SU 31)	806	*	*	2.6 (1.5-3.7)
SIZER: A NORTH CENTRAL ESSENTIAL CS	117	*	*	*
SOMERSET BERKLEY	973	5.2	2.9	4.0 (2.8-5.2)
SOMERVILLE	1,508	1.9	2.1	2.0 (1.3-2.7)
SOUTH HADLEY	532	*	*	2.4 (1.1-3.8)
SOUTH MIDDLESEX VOC TECH	156	*	*	*
SOUTH SHORE CS	213	*	*	*
SOUTH SHORE ED COLLAB	66	*	*	*
SOUTH SHORE VOC TECH	149	*	*	*

**Table 6. Underweight Children in Grades 1, 4, 7, 10 in Massachusetts School Districts, 2016-2017**

School District	Total number of students screened (N)	Percent Underweight		
		Males (%)	Females (%)	Males and Females (%, CI)
SOUTHBIDGE	497	*	*	2.8 (1.4-4.3)
SOUTHEASTERN VOC TECH	333	*	*	* *
SOUTHERN BERKSHIRE	208	*	*	* *
SOUTHERN WORCESTER CTY VOC TECH	284	*	*	6.3 (3.5-9.2)
SOUTHWICK-TOLLAND-GRANVILLE	406	*	*	* *
SPENCER-E BROOKFIELD	416	*	*	* *
SPRINGFIELD	6,296	3.9	2.1	3.0 (2.6-3.4)
SPRINGFIELD PREPARATORY CS	53	*	*	* *
STONEHAM	651	*	*	* *
STOUGHTON	874	*	*	2.4 (1.4-3.4)
STURGIS CS	196	*	*	* *
SUTTON	432	*	*	3.2 (1.6-4.9)
SWANSEA	612	*	*	1.8 (.7-2.8)
TANTASQUA (REG + SU 61)	762	4.2	5.4	4.7 (3.2-6.2)
TAUNTON	2,269	3.6	1.9	2.7 (2.1-3.4)
TEWKSBURY	1,022	3.0	1.9	2.4 (1.5-3.4)
THE EDUCATION COOPERATIVE (TEC)	21	*	*	* *
TRITON	714	*	*	2.8 (1.6-4.0)
TYNGSBOROUGH	508	4.0	4.3	4.1 (2.4-5.9)
UPPER CAPE COD VOC TECH	165	*	*	* *
UXBRIDGE	510	*	*	* *
VERITAS PREPARATORY CS	76	*	*	* *
WACHUSETT	2,165	1.8	2.5	2.1 (1.5-2.7)
WAKEFIELD	1,005	4.0	2.9	3.5 (2.3-4.6)
WALPOLE	1,111	2.3	2.2	2.3 (1.4-3.1)
WALTHAM	1,429	1.5	1.9	1.7 (1.0-2.3)
WARE	373	*	*	* *
WAREHAM	697	*	*	2.4 (1.3-3.6)
WATERTOWN	688	*	*	2.3 (1.2-3.5)
WAYLAND	804	5.7	4.7	5.2 (3.7-6.8)

**Table 6. Underweight Children in Grades 1, 4, 7, 10 in Massachusetts School Districts, 2016-2017**

School District	Total number of students screened (N)	Percent Underweight		
		Males (%)	Females (%)	Males and Females (%, CI)
WEBSTER	551	*	*	3.1 (1.6-4.5)
WELLESLEY	1,457	3.2	2.8	3.0 (2.1-3.9)
WEST BOYLSTON	156	*	*	*
WEST BRIDGEWATER	377	*	*	*
WEST SPRINGFIELD	827	*	*	2.3 (1.3-3.3)
WESTBOROUGH	1,160	4.5	3.4	4.0 (2.8-5.1)
WESTFIELD	1,176	5.0	4.6	4.8 (3.6-6.1)
WESTFORD	1,447	6.6	5.1	5.9 (4.7-7.1)
WESTON	693	*	*	2.6 (1.4-3.8)
WESTPORT	391	*	*	2.8 (1.2-4.5)
WESTWOOD	936	*	*	2.8 (1.7-3.8)
WEYMOUTH	1,334	2.6	2.6	2.6 (1.8-3.5)
WHITTIER VOC TECH	332	*	*	7.2 (4.4-10.0)
WILMINGTON	966	*	*	1.9 (1.0-2.7)
WINCHESTER	1,308	3.0	2.4	2.7 (1.8-3.6)
WINTHROP	586	*	*	3.1 (1.7-4.5)
WOBURN	1,308	2.8	3.2	3.0 (2.1-3.9)
WORCESTER	5,870	6.0	6.2	6.1 (5.5-6.7)

Notes: Data that did not pass data quality tests were excluded from the analysis. For more information, please reference the *Methods* section of this report. CI = 95% confidence interval.

In children and teens, BMI level is expressed relative to other children of the same age and sex at birth, and is referred to as the BMI-for-age percentile. The presentation in the table uses the terms *Male* and *Female* to indicate sex assigned at birth, as this corresponds to the way BMI-for-age is defined. It does not reflect gender identity. The phrase *Males and Females* includes all students without exception. *Underweight* – BMI for age percentile < 5<sup>th</sup> percentile; *Healthy weight* – BMI for age percentile between 5<sup>th</sup> and 85<sup>th</sup> percentile; *Overweight* – BMI for age percentile between 85<sup>th</sup> and 95<sup>th</sup> percentile; *Obese* – BMI for age percentile ≥ 95<sup>th</sup> percentile.

\* Data is suppressed when there are fewer than 10 individuals in a cell. NA: Not Applicable (No students in a gender group were screened).

## **Appendix**

Appendix Table 1: Exclusions resulting from unresolved data quality issues

<b>Districts Excluded (or Partly Excluded) from Report Listed by Reason for Exclusion</b>	<b>Number of Districts</b>
<b>Data quality problem (Data from all 4 grade levels excluded)</b>	<b>0</b>
<b>Data quality problem (Data from 1 – 3 grade levels excluded)</b>	<b>6</b>
ATLANTIS CS BELLINGHAM MELROSE MONSON TANTASQUA (REG+ SU 61) WESTFIELD	
<b>Did not submit data</b>	<b>25</b>
AGAWAM BOYLSTON COMMUNITY DAY CS - GATEWAY COMMUNITY DAY CS - R. KINGMAN WEBSTER CONSERVATORY LAB CS DUDLEY STREET NEIGHBORHOOD CS EAST BRIDGEWATER FLORIDA FRANKLIN HELEN Y. DAVIS LEADERSHIP ACADEMY CS LAWRENCE FAMILY DEVELOPMENT CS MATCH CS HIGH PIONEER VALLEY CHINESE IMMERSION CS PIONEER VALLEY PERFORMING ARTS CS PLAINVILLE PROSPECT HILL ACADEMY CS RANDOLPH ROXBURY PREPARATORY CS SABIS INTERNATIONAL CS SAUGUS SEVEN HILLS CS TRI COUNTY REG VOC TECH UP ACADEMY CS OF DORCHESTER WHITMAN-HANSON WINCHENDON	

## Aggregation of Regional Data

The school districts in most cities and towns serve elementary, middle, and high school students and the BMI statistics for those districts reflect overweight and obesity rates for students in grades 1, 4, 7 and 10. In some small cities and towns, however, schools are organized into regional school districts, with elementary school students attending schools in one district, middle school students attending schools in another district, and high school students attending schools in yet a third district. The specific organizational structure of these school districts varies by region. As a result, there may be more than one local or regional school district serving students from the same community or region. In these cases, when separate BMI statistics are reported for each district, it provides a scattered picture of the weight status of students from those towns. In order to provide a more unified view of the weight status of students in those towns and regions, wherever possible DPH combined BMI statistics from all of the districts serving the same geographical area. The following list shows which districts were combined into a single record in the data tables that follow. To find BMI statistics for the district listed in the left-hand column, look up the district shown in the right-hand column.

Appendix Table 2: Aggregation of regional data

District report that was combined with regional data	Regional district or School Union containing combined record
BERLIN	BERLIN-BOYLSTON
BERKLEY	SOMERSET BERKLEY
BOYLSTON	BERLIN-BOYLSTON
CARLISLE	CONCORD-CARLISLE
CONCORD	CONCORD-CARLISLE
CONWAY	FRONTIER
DEERFIELD	FRONTIER
EDGARTOWN	MARTHAS VINEYARD
HALIFAX	SILVER LAKE
HAWLEMONT	MOHAWK TRAIL
KINGSTON	SILVER LAKE
LANESBOROUGH	MOUNT GREYLOCK
LINCOLN	LINCOLN-SUDBURY
MARION	OLD ROCHESTER
MATTAPOISETT	OLD ROCHESTER
NAHANT	SWAMPSCOTT
NORFOLK	KING PHILIP
OAK BLUFFS	MARTHAS VINEYARD
PETERSHAM	RALPH C MAHAR
PLYMPTON	SILVER LAKE
PROVINCETOWN	NAUSET
ROWE	MOHAWK TRAIL

SOMERSET	SOMERSET BERKLEY
SUDSBURY	LINCOLN-SUDSBURY
SUNDERLAND	FRONTIER
TISBURY	MARTHAS VINEYARD
TRI-TOWN SCHOOL UNION	MASCONOMET
TRURO	NAUSET
UP-ISLAND REGIONAL	MARTHAS VINEYARD
WHATELY	FRONTIER
WILLIAMSTOWN	MOUNT GREYLOCK
WRENTHAM	KING PHILIP

## School Unions

A School Union is a group of several small districts who have a single superintendent to manage and administer all of the schools. The following table lists the School Unions mentioned in the report, and identifies the districts included in each School Union.

Appendix Table 3: School Unions referenced in the report

School Union	District
ERVING (SCHOOL UNION 28)	ERVING LEVERETT NEW SALEM-WENDELL SHUTESBURY
FRONTIER (SCHOOL UNION 23)	CONWAY DEERFIELD SUNDERLAND WHATELY
HAMPSHIRE (SCHOOL UNION 66)	CHESTERFIELD-GOSHEN SOUTHAMPTON WESTHAMPTON WILLIAMSBURG
MARTHA'S VINEYARD (SCHOOL UNION 19)	EDGARTOWN OAK BLUFFS TISBURY UP-ISLAND
NAUSET (SCHOOL UNION 54)	BREWSTER EASTHAM ORLEANS WELLFLEET
NORTHERN BERKSHIRE (SCHOOL UNION 43)	CLARKSBURG FLORIDA MONROE ROWE SAVOY
OLD ROCHESTER (SCHOOL UNION 55)	MARION

SHAKER MOUNTAIN (SCHOOL UNION 70)	MATTAPoisETT ROCHESTER HANCOCK NEW ASHFORD RICHMOND
SILVER LAKE (SCHOOL UNION 31)	HALIFAX KINGSTON PLYMPTON BRIMFIELD BROOKFIELD HOLLAND STURBRIDGE WALES
TANTASQUA (SCHOOL UNION 61)	BOXFORD MIDDLETON TOPSFIELD
TRI-TOWN SCHOOL UNION (SCHOOL UNION 58)	

For other school unions, the names are self-explanatory, since the town name is included in the school union name: Amherst-Pelham, Berlin-Boylston, Dover-Sherborn, Lee-Tyriham, and Northborough-Southborough.

### Abbreviations

Appendix Table 4: Abbreviations used in the report

Abbreviation	Description
AGR	AGRICULTURAL
COLLAB	COLLABORATIVE
CHS	CHARTER HIGH SCHOOL
CI	CONFIDENCE INTERVAL
CS	CHARTER SCHOOL
CTY	COUNTY
CVD	COMMONWEALTH VIRTUAL DISTRICT
CWLTH	COMMONWEALTH
DEV	DEVELOPMENT
ED	EDUCATIONAL
HMCS	HORACE MANN CHARTER SCHOOL
MA	MASSACHUSETTS
NA	NOT APPLICABLE
REG	REGIONAL
SPED	SPECIAL EDUCATION
SU	SCHOOL UNION
TECH	TECHNICAL
VOC	VOCATIONAL

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