

**Results from the Body Mass Index Screening in
Massachusetts Public School Districts, 2022**
November 2025

Table of Contents

Introduction	2
Body Mass Index: Definition, Interpretation, and Usage	4
BMI Screening Weight Categories.....	5
Methods	7
Data Collection	7
Data Quality.....	7
Limitations	8
Data Source.....	9
BMI Tables	11
Table 1. Overweight or Obese Children in Grades 1, 4, 7, 10 in Massachusetts School Districts, 2021-2022.....	12
Table 2. Body Mass Index Screening Results for Children in Grade 1 in Massachusetts School Districts, 2021-2022.....	24
Table 3. Body Mass Index Screening Results for Children in Grade 4 in Massachusetts School Districts, 2021-2022.....	33
Table 4. Body Mass Index Screening Results for Children in Grade 7 in Massachusetts School Districts, 2021-2022.....	42
Table 5. Body Mass Index Screening Results for Children in Grade 10 in Massachusetts School Districts, 2021-2022.....	51
Table 6. Underweight Children in Grades 1, 4, 7, 10 in Massachusetts School Districts, 2021-2022.....	61
Notes.....	74
Reporting and interpretation	74
Exclusions resulting from unresolved data quality issues	75
Aggregation of Regional Data.....	79
Key	80
References.....	82

Introduction

Massachusetts General Law, Chapter 71, Section 57, directed the Department of Public Health to set standard on the examination of students related to medical conditions that may affect a student's ability to receive the full benefits of their education. The Department set the standards identified in G.L. c. 71 § 57 in 105 CMR 200.000: Physical Examination of School Children, which requires, among other things, school systems to measure the height and weight of public school students in grades 1, 4, 7 and 10 and use those data to calculate each student's Body Mass Index (BMI). BMI is a calculated measure of body weight relative to height.

Children with a high BMI are more likely to become overweight or obese adults and be at a higher risk for type 2 diabetes, heart disease, orthopedic problems, and some cancers.^{1,2,3} Children with obesity may also be subject to social stigma and discrimination including weight-related bullying from other children and impaired treatment from health care providers. These forms of discrimination can strain social relationships and cause physical and psychological harm^{4,5} including depression, anxiety, bipolar disorder, eating disorder, and personality disorder.^{6,7,8} There are also obesity-related physiological consequences such as inflammation that can impact psychological well-being.⁹ In addition, CDC reports that people with obesity are at increased risk for a lower quality of life.¹⁰ Weight stigma, stigma-related psychological disorders, and other psychological sequelae associated with obesity may explain why children with obesity are more likely to have greater school absenteeism and poorer educational outcomes.¹¹

While underweight is less prevalent than obesity, children who are underweight have an increased risk of heart disease, hormonal dysfunction, loss of bone mass, and anemia.^{12,13,14,15} Underweight may also be an indication of an eating disorder associated with anxiety and depression.¹³ In addition, both underweight and obesity are associated with increased risk of infection.¹⁶

Childhood obesity is a complex disease with many contributing factors.¹⁷ Individual-level factors that contribute to obesity include genetics, eating patterns, physical activity levels, sleep routines, medications, and illness, but social and environmental factors such as poverty, education, housing, and neighborhood conditions also contribute to obesity.^{17,18} For example, childhood obesity has been associated with prenatal exposure to certain types of environmental pollutants,¹⁹ exposure to adverse childhood experiences,²⁰ and exposure to racial discrimination.²¹ An excessive focus on individual-level responsibility for weight may lead to the erroneous perception that people with obesity are to be blamed for their weight, and to the incorrect conclusion that weight stigma may motivate individuals to adopt healthier behaviors. Research shows that weight stigma is quite harmful; adolescents who are bullied about their weight are more likely to engage in binge eating and have other eating disorders²² and less likely to participate in sports and physical activity.²³ Children and adolescents bullied about their weight are also more likely to skip school.²³

In Massachusetts public school districts there are persistent geographic and socioeconomic disparities in childhood obesity. Children living in low-income communities may be more exposed to neighborhood conditions associated with obesity, such as higher concentrations of convenience stores, less-walkable neighborhoods, and greater chronic stress.^{18,24} A study of Massachusetts districts from 2009-2014 found that the prevalence of obesity in low-income Massachusetts districts increased despite the fact that the statewide prevalence decreased.²⁵ More recent data outside of Massachusetts shows that this trend continued during the pandemic. Not only did BMI increase during the pandemic but the increase in BMI was greatest for those already overweight or obese^{26,27} and for those with public health insurance.²⁷

Since obesity is more prevalent in low-income communities and communities with a high proportion of Black and Hispanic children and adolescents,²⁸ weight stigmatization may exacerbate the stress already experienced by those experiencing poverty or those experiencing discrimination due to racism. Individuals with multiple stressors who live in an environment with poor access to healthy food and poor access to safe places to engage in physical activity are vulnerable to poor physical and mental health. While individual-level factors cannot be completely ignored, reducing the prevalence of childhood obesity requires systematically addressing a broad array of contributing factors unrelated to individual behavior. These can include policy changes like improving school meal programs and taxing sugar-sweetened beverages.²⁹ However, reducing disparities in childhood obesity may also require a broader “equity-oriented obesity prevention framework” that includes short- and long-term interventions aimed at reducing inequities in neighborhoods and communities.³⁰ While lifestyle interventions directed towards low income, non-white children with obesity have produced inconsistent results, better results may occur when there are multicomponent, culturally tailored interventions that include community policies that promote nutrition and physical activity, and environmental changes that reduce barriers to treatment by improving social and economic community resources that address the underlying inequities.^{31,32,33}

The goal of this report is to make childhood obesity and underweight data widely available so that community leaders can use it for sound community planning, program development, and public health monitoring. At the community level, leaders can use the data to determine the prevalence of obesity in their community and to develop community-level resources including parks, sports facilities, and other spaces that provide opportunities for physical activity. School leaders can use the data to review the adequacy of their physical education classes and school meal programs. Families whose health care provider has determined that their child has obesity may be referred to a family healthy weight program or other family intervention.³⁴ By combining community programs, school programs, and family interventions, it may be possible to reduce the prevalence of obesity, ensure that children who are underweight have access to the resources they need to be healthy, prevent physical illness, and improve health-related quality of life during adolescence and later in life.

Body Mass Index: Definition, Interpretation, and Usage

Body Mass Index (BMI) is a measure of excess weight and is considered a surrogate measure of body fat. It is used to determine if an individual's weight is appropriate for their height and is calculated by dividing weight by height squared (kg/m^2). In children and adolescents, body fat varies by age and sex and therefore age and sex must be factored into BMI determinations. The BMI measure is plotted on a BMI growth chart 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 determine the child's weight category. All measurements and calculations must be accurate in order for the weight category determination to be valid.

Used correctly, BMI can provide an early identification of future health risks. However, BMI is a *screening* tool and not a diagnostic tool. It 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. To determine if a high BMI-for-age percentile indicates a health problem, a health care provider would need to perform additional assessments, such as evaluations of diet, physical activity, family history, and other appropriate health screenings. In addition, BMI is considered a better indicator of excess body fat for obese children and adolescents than it is for those who are merely overweight.³⁵

Although there are other, more accurate measures of body fat, such as skinfold thickness measurement, underwater weighing, and bioelectrical impedance, they are not recommended for routine practice because they are both expensive and not widely available. However, BMI is simple, inexpensive, and reasonably accurate, and as a result, well-established organizations with expertise in evaluating scientific evidence on primary care practices have consistently supported the use of BMI as a screening tool for children and adolescents. For example, CDC considers BMI to be a "reasonable indicator of body fat for both adults and children . . . that should be used as a measure to track weight status in populations and as a screening tool to identify potential weight problems in individuals."³⁵ Similarly, the American Academy of Pediatrics recommends measuring BMI annually for all patients 2 to 21 years of age.³⁶ The US Preventive Services Task Force (USPSTF) also recommends using BMI to screen all children and adolescents 6 years of age and older.³⁷ And the Society for Adolescent Health and Medicine recommends using BMI to determine the weight status for all adolescent patients.³⁸

One of the most difficult challenges facing families, schools, and communities is the difficulty of obtaining inexpensive, evidence-based, and readily-available interventions for reducing childhood obesity. Conducting BMI screenings does not by itself reduce childhood obesity. In addition, there is no evidence that sending BMI screening results back to parents in the form of "BMI Report Cards" is effective in reducing childhood obesity.^{39,40} Screening in the absence of a referral, follow-up, or intervention is not effective. However, there are evidence-based obesity prevention programs available. To find information and resources on the most effective, CDC-recognized obesity prevention or reduction programs and interventions, please refer to the CDC, which

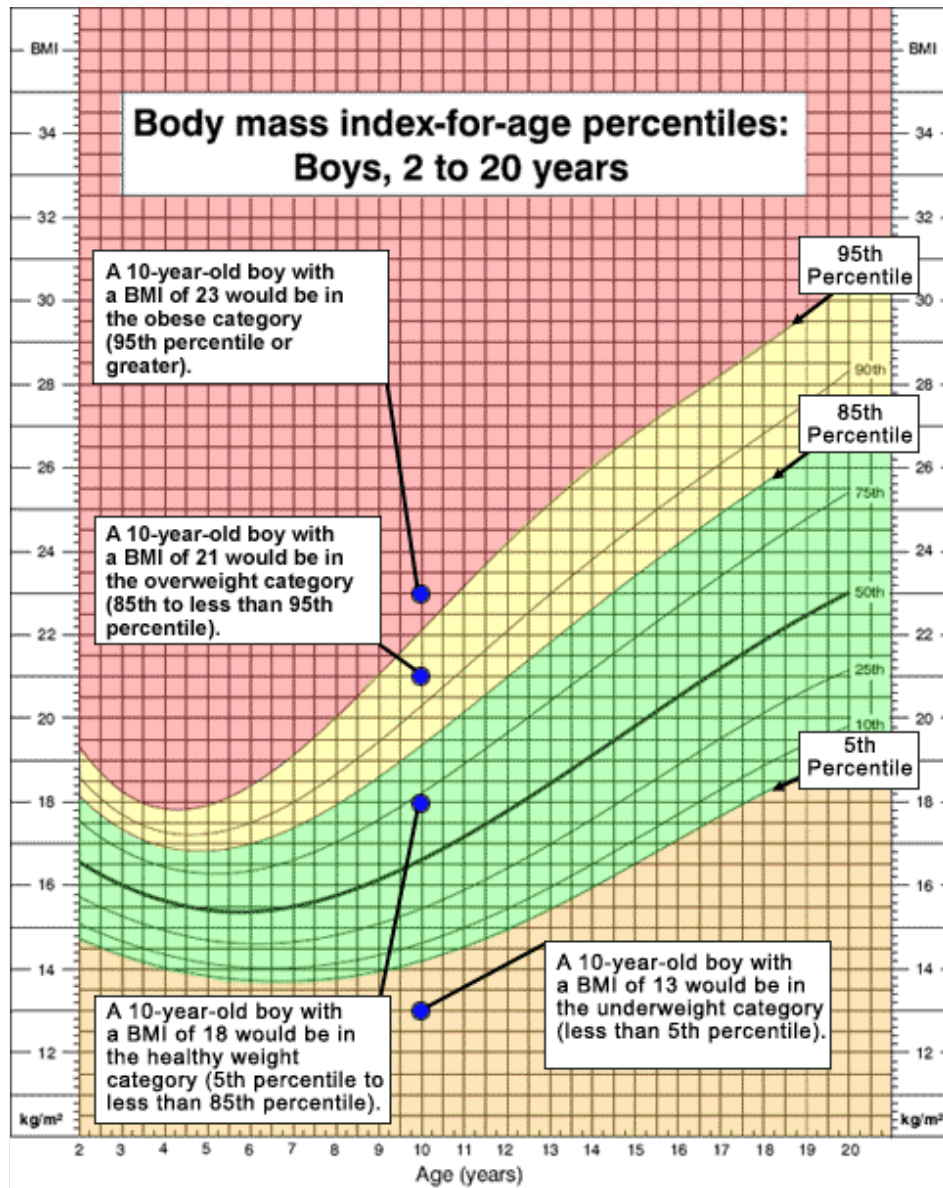
provides a set of family options for [preventing childhood obesity](#),³⁴ a description of [family healthy weight programs](#),⁴¹ as well as an explanation of what everyone can do to [reduce obesity](#).⁴² In addition, the Massachusetts Department of Public Health has a program to promote healthy environments in [schools](#),⁴³ as well as other programs to prevent [diabetes](#),⁴⁴ [heart disease](#),⁴⁵ and [stroke](#).⁴⁶

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

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

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



CDC BMI-for-age growth chart.

Available at: http://www.cdc.gov/growthcharts/clinical_charts.htm

Methods

Data Collection

Pursuant to 105 CMR 200.500, school nurses are responsible for oversight of BMI screenings ([BMI Screening Guidelines for Schools](#)^{*}), including pre-screening parental notification of the screening and opt out procedure, providing privacy during screening, training for ancillary staff, recording data, reporting individual results to parents in a confidential and sensitive manner as determined by local school policy (per 105 CMR 200.600), and submitting aggregate data to DPH (per 105 CMR 200.500(c) and 200.630).

School nurses or other trained personnel also administer height and weight measurements and record the information electronically. 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 without an electronic health records system, DPH provides an Excel spreadsheet that calculates BMI percentiles and generates summary statistics.[†] Alternatively, schools can use a BMI calculator web application available from CDC or on other websites. 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

All of the data submitted by schools is subject to data quality testing. Initial assessment of data quality is performed at the school district level and typically occurs before the data is submitted to DPH. When the School Nurse Leaders and / or district data analysts assemble the data from each school, they review the data from each school and follow up on any unusual results. At DPH, data quality testing procedures include assessing inconsistencies between the number of students reported screened and the student enrollment and identifying statistically improbable underweight, overweight, and obese percentages for each grade and gender. The district-level data is also screened for inconsistencies by checking for large variations across years within each grade and checking for large variations across grade levels within the same year.

As a result of the data quality testing process, questions were raised about the accuracy of some or all of the data submitted by 28 districts. DPH contacted the 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.

^{*} <https://www.mass.gov/doc/bmi-screening-guidelines-for-schools/download>

[†] See 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).

Of the 28 districts whose data was flagged for a potential data quality issue:

- 3 districts confirmed their original data
- 12 submitted corrected data reports
- 12 districts did not respond OR were unable to find/check their records OR unable to provide corrected/verified data in time for inclusion in this report.
 - A total of 7,233 students from these districts were excluded from the report due to data quality issues. In 2 districts, all data was excluded.

Limitations

BMI statistics at the local level may vary from year to year due to factors that do not reflect long-term trends. Therefore, in any given city or town, increases or decreases in BMI statistics 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 are missing data, the BMI statistics may not be representative of the entire student population of the district and should be interpreted with caution. In years in which there is missing data, changes in BMI statistics from year to year may be misleading.

In addition, for some smaller towns, the data presented represent relatively small numbers of students and therefore should be interpreted with caution. The smaller the student enrollment, the more likely that BMI statistics will fluctuate widely from year to year.

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, including overweight and obesity, for a large percentage of public school students in four grade levels that are equally spaced through elementary, middle, and high school.

Data Source

A total of 243 data submissions were received from school districts and school organizations. This group includes local public school districts, academic regional school districts, school unions, vocational-technical regional school districts, agricultural school districts, charter school districts, and educational collaboratives.

One hundred forty-one districts with students enrolled in grades that were included in the screening (grades 1, 4, 7, and 10) did not submit BMI data at all. During the pandemic, the BMI screening requirement was waived, and in the 2021-2022 school year, many districts had not yet resumed screening. This resulted in a sample size that is roughly one-third smaller than the sample size that existed during the pre-pandemic years. Furthermore, the districts that had the capacity to resume BMI screening in 2021-2022 may have different demographic characteristics and a different BMI profile than the districts that were unable to resume screening.

In addition, the nurses in many of the school districts that provided BMI data commented on the unusual difficulty they encountered collecting accurate and complete BMI data during the school year due to pandemic-related issues. Among the difficulties mentioned: COVID-19 testing and contact tracing took time away from BMI screening, there was an increased burden placed on school nurses due to the “test to stay” program, there was a high level of student absenteeism due to COVID-19 isolation and quarantine protocols, it took longer than it usually does to complete BMI screenings due to COVID-19 protocols observed during screening, in one district it was reported that parents who opted out of COVID-19 vaccination also opted out of BMI screening, there was student anxiety due to COVID-19, there was an increased number of parents and students who opted-out of BMI screening, and there were unusual nursing staff shortages and extended staff absences.

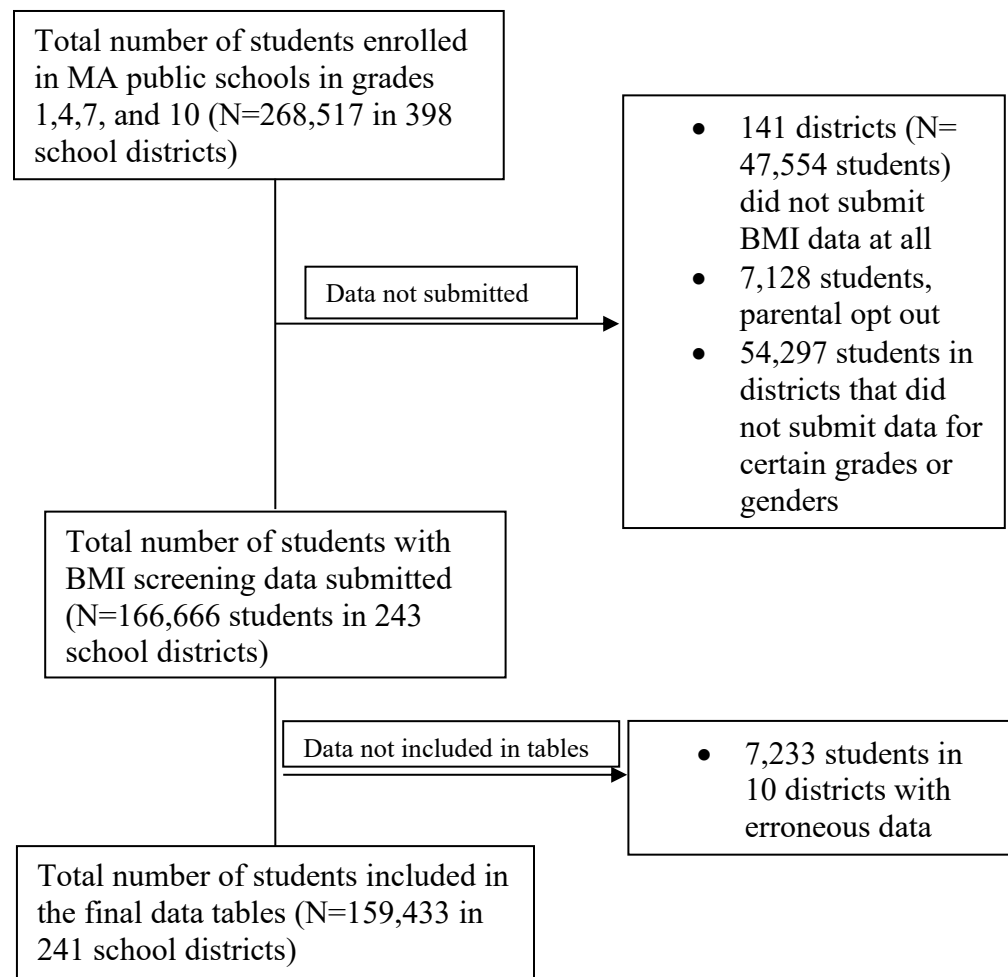
As a result, the overweight and obesity data from 2021-2022 for the state as a whole should not be compared to the statewide data from earlier years, since sample differences alone might account for differences in the statewide overweight and obesity percentage. Even comparing 2021-2022 BMI data to pre-pandemic BMI data for the same school district is problematic, since staffing shortages, an inability to complete screenings on all students in the selected grades, and reports of increased numbers of parent and student opt-outs means that the sample from each district may not be as representative of the district’s student population as it had been in prior years.

Nonpublic schools are not mandated by state law to perform the required screenings, including BMI screenings, but are required to notify guardians of every enrolled student that the school does not conduct the examinations (G.L. c. 71, § 57). However, a small number of nonpublic schools that receive funding through the Comprehensive School Health Services program are required to conduct BMI screenings due to grant

requirements.[‡] Those nonpublic schools are not representative of all nonpublic schools, and therefore their data have not been included in this report.

Data Inclusion

Figure 1: Data inclusion flow chart



[‡] RFR 201029 <https://www.commbuys.com/bsa/external/bidDetail.sdo?docId=BD-20-1031-BCHAP-BCH01-46207&external=true&parentUrl=close> and RFR 193029 <https://www.commbuys.com/bsa/external/bidDetail.sdo?docId=BD-22-1031-BCHAP-BCH01-64986&external=true&parentUrl=close>

BMI Tables

Table 1. Overweight or Obese Children in Grades 1, 4, 7, 10 in Massachusetts School Districts, 2021-2022

School District	Total number of students screened	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
	(N)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%, CI)
TOTAL	159,433	15.5	22.6	38.1	16.5	19	35.5	16	20.9	36.8 (36.6-37.1)
ASHBURNHAM-WESTMINSTER	913	18.4	27.4	45.7	28.5	23.7	52.2	23.4	25.5	49.0 (45.7-52.3)
ASHLAND	872	14.6	12.7	27.3	14.0	13.5	27.5	14.3	13.1	27.4 (24.5-30.5)
ASSABET VALLEY REG VOC TECH	173	*	*	31.6	*	*	34.7	24.3	8.7	32.9 (26.1-40.6)
ATHOL-ROYALSTON	419	21.7	27.6	49.3	18.7	31.8	50.5	20.3	29.6	49.9 (45-54.8)
ATTLEBORO	503	18.5	23.9	42.5	18.0	23.8	41.8	18.3	23.9	42.1 (37.8-46.6)
AVON	188	22.7	23.6	46.4	20.5	21.8	42.3	21.8	22.9	44.7 (37.5-52.1)
AYER SHIRLEY SCHOOL DISTRICT	80	*	*	37.2	*	*	29.7	18.8	15.0	33.8 (23.8-45.3)
BARNSTABLE	1,328	16.3	27.1	43.5	19.4	23.2	42.6	17.8	25.3	43.1 (40.4-45.8)
BAYSTATE ACADEMY CS	122	17.8	27.4	45.2	20.4	26.5	46.9	18.9	27.0	45.9 (36.9-55.1)
BELCHERTOWN	628	16.6	18.2	34.8	16.5	15.6	32.1	16.6	16.9	33.4 (29.8-37.3)
BELLINGHAM	557	16.2	17.9	34.1	16.5	13.9	30.3	16.3	16.0	32.3 (28.5-36.4)
BELMONT	627	12.6	11.0	23.6	12.3	8.8	21.1	12.4	9.9	22.3 (19.2-25.8)
BERKLEY	240	15.7	25.6	41.3	17.6	17.6	35.3	16.7	21.7	38.3 (32.2-44.8)
BERKSHIRE ARTS AND TECHNOLOGY CS	107	*	*	19.6	*	*	*	*	*	17.8 (11.3-26.6)
BERKSHIRE HILLS	191	12.9	12.9	25.8	*	*	22.4	15.2	8.9	24.1 (18.3-30.9)
BERLIN BOYLSTON (REG + SU 60)	640	*	*	8.6	*	*	8.9	6.3	2.5	8.8 (6.7-11.3)
BEVERLY	1,169	15.5	18.7	34.2	15.8	15.8	31.7	15.7	17.4	33.0 (30.3-35.8)
BLACKSTONE VALLEY REG VOC TECH	239	11.0	16.9	27.9	16.5	9.7	26.2	13.4	13.8	27.2 (21.8-33.4)
BLACKSTONE-MILLVILLE	409	14.9	23.5	38.5	19.1	26.6	45.7	16.9	24.9	41.8 (37-46.8)

Table 1. Overweight or Obese Children in Grades 1, 4, 7, 10 in Massachusetts School Districts, 2021-2022

School District	Total number of students screened	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
	(N)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%, CI)
BOSTON	3,897	14.7	30.4	45.1	15.8	24.9	40.7	15.3	27.7	43.0 (41.4-44.6)
BOSTON COLLEGIATE CS	73	*	*	51.4	*	*	42.1	17.8	28.8	46.6 (35-58.6)
BOSTON PREPARATORY CS	193	12.8	34.0	46.8	17.2	23.2	40.4	15.0	28.5	43.5 (36.5-50.8)
BOURNE	295	13.5	19.2	32.7	19.4	15.1	34.5	16.3	17.3	33.6 (28.3-39.3)
BRAINTREE	1,416	17.3	18.1	35.4	14.0	15.2	29.2	15.7	16.7	32.3 (29.9-34.9)
BRIDGE BOSTON CS	92	28.3	30.4	58.7	*	*	37.0	19.6	28.3	47.8 (37.4-58.4)
BRIDGEWATER-RAYNHAM	1,637	16.9	22.6	39.5	17.2	15.6	32.8	17.0	19.1	36.2 (33.8-38.6)
BRISTOL CTY AGR	75	*	*	*	*	*	28.6	16.0	14.7	30.7 (20.8-42.5)
BRISTOL-PLYMOUTH REG VOC TECH	281	17.7	17.1	34.9	25.5	25.5	50.9	20.6	20.3	40.9 (35.2-46.9)
BROCKTON	3,186	18.3	32.8	51.1	18.4	30.3	48.7	18.4	31.6	49.9 (48.2-51.7)
BROOKE CS MATTAPAN	183	22.4	17.6	40.0	21.4	28.6	50.0	21.9	23.5	45.4 (38-52.9)
BROOKLINE	1,288	12.8	8.8	21.6	10.6	6.9	17.5	11.7	7.8	19.6 (17.5-21.9)
BURLINGTON	2	*	*	*	*	*	*	*	*	*
CANTON	908	14.8	14.1	28.9	16.0	13.2	29.2	15.4	13.7	29.1 (26.2-32.2)
CAPE COD COLLAB	42	*	*	32.4	*	*	*	*	*	33.3 (20-49.6)
CAPE COD LIGHTHOUSE CS	82	*	*	35.6	*	*	32.4	22.0	12.2	34.1 (24.3-45.5)
CAPS ED COLLAB	26	*	*	47.8	*	*	*	*	*	53.8 (33.7-72.9)
CARVER	417	19.4	19.8	39.2	20.5	16.0	36.5	19.9	18.0	37.9 (33.2-42.8)
CENTRAL BERKSHIRE	110	15.2	27.3	42.4	*	*	43.2	16.4	26.4	42.7 (33.5-52.5)
CHELMSFORD	1,454	15.4	17.5	32.8	16.2	14.3	30.5	15.7	16.0	31.7 (29.3-34.2)

Table 1. Overweight or Obese Children in Grades 1, 4, 7, 10 in Massachusetts School Districts, 2021-2022

School District	Total number of students screened	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
	(N)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%, CI)
CHICOPEE	2,023	15.2	32.2	47.4	19.3	29.8	49.1	17.1	31.1	48.1 (45.9-50.3)
CLINTON	493	12.5	24.7	37.3	19.6	20.4	40.0	15.8	22.7	38.5 (34.2-43)
COHASSET	390	*	*	13.8	7.9	6.9	14.9	9.2	5.1	14.4 (11.1-18.3)
COLLAB FOR ED SERVICES	3	*	*	*	*	*	*	*	*	* NA
CONCORD-CARLISLE	956	12.8	6.5	19.3	10.4	7.1	17.5	11.6	6.8	18.4 (16-21)
DANVERS	769	13.3	21.8	35.1	14.3	19.3	33.6	13.8	20.7	34.5 (31.1-38)
DARTMOUTH	1,015	13.3	25.6	38.9	14.9	19.5	34.4	14.1	22.7	36.7 (33.8-39.8)
DEDHAM	488	12.9	29.4	42.3	15.2	23.0	38.2	13.7	27.0	40.8 (36.4-45.3)
DENNIS-YARMOUTH	605	21.7	24.6	46.3	19.1	27.5	46.6	20.3	26.1	46.4 (42.4-50.5)
DIGHTON-REHOBOTH	764	14.6	14.4	29.0	12.8	13.9	26.6	13.7	14.1	27.9 (24.8-31.2)
DOUGLAS	86	*	*	35.6	*	*	41.5	16.3	22.1	38.4 (28.3-49.5)
DOVER-SHERBORN (REG + SU 50)	595	13.3	7.8	21.0	12.2	4.9	17.1	12.8	6.4	19.2 (16.1-22.6)
DRACUT	1,038	17.7	21.6	39.3	14.5	15.5	30.0	16.1	18.5	34.6 (31.7-37.6)
DUXBURY	480	15.9	11.7	27.6	16.2	8.3	24.5	16.0	10.0	26.0 (22.2-30.3)
EAST LONGMEADOW	722	15.6	21.3	36.9	23.6	9.6	33.1	19.5	15.5	35.0 (31.6-38.7)
EASTHAMPTON	359	12.8	21.1	33.9	18.4	23.5	41.9	15.6	22.3	37.9 (32.9-43.1)
EASTON	300	12.4	21.1	33.5	18.7	11.5	30.2	15.3	16.7	32.0 (26.8-37.6)
EDGARTOWN	136	*	*	44.9	*	*	32.8	13.2	25.7	39.0 (30.8-47.7)
ERVING (SU 28)	122	*	*	27.9	*	*	21.3	15.6	9.0	24.6 (17.4-33.4)
ESSEX NORTH SHORE AGR AND TECH	243	22.6	9.7	32.3	*	*	23.5	20.2	7.8	28.0 (22.5-34.2)

Table 1. Overweight or Obese Children in Grades 1, 4, 7, 10 in Massachusetts School Districts, 2021-2022

School District	Total number of students screened	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
	(N)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%, CI)
EVERETT	48	*	*	42.3	*	*	*	*	*	33.3 (20.8-48.5)
EXCEL ACADEMY CS	262	18.5	36.2	54.6	17.4	32.6	50.0	17.9	34.4	52.3 (46.1-58.4)
FAIRHAVEN	535	15.2	24.8	40.0	16.6	26.0	42.6	15.9	25.4	41.3 (37.1-45.6)
FALL RIVER	2,965	17.6	33.5	51.1	17.6	32.6	50.2	17.6	33.0	50.6 (48.8-52.4)
FALMOUTH	833	17.6	19.3	36.9	17.8	15.4	33.2	17.6	17.5	35.2 (31.9-38.5)
FITCHBURG	1,310	15.8	31.1	46.8	20.9	26.8	47.7	18.3	28.9	47.3 (44.5-50)
FLORIDA	28	*	*	*	*	*	*	*	*	35.7 (19.3-55.9)
FOXBOROUGH	571	15.8	13.9	29.7	13.7	14.9	28.6	14.9	14.4	29.2 (25.6-33.2)
FOXBOROUGH REG CS	508	13.9	26.8	40.7	20.2	23.8	44.0	17.3	25.2	42.5 (38.2-47)
FRAMINGHAM	1,355	18.1	23.2	41.3	16.1	19.1	35.3	17.1	21.2	38.3 (35.7-41)
FRANCIS W. PARKER CHARTER ESSENTIAL	116	*	*	22.6	*	*	23.8	12.9	10.3	23.3 (16.1-32.2)
FREETOWN-LAKEVILLE	672	14.2	20.3	34.5	14.3	20.5	34.8	14.3	20.4	34.7 (31.1-38.4)
FRONTIER (REG + SU 38)	342	16.7	22.6	39.2	20.5	23.7	44.2	18.4	23.1	41.5 (36.3-47)
GARDNER	589	13.4	32.2	45.6	18.1	27.7	45.7	15.6	30.1	45.7 (41.6-49.8)
GATEWAY	215	16.7	27.5	44.1	14.2	20.4	34.5	15.3	23.7	39.1 (32.6-46)
GILL-MONTAGUE	225	20.0	31.7	51.7	14.3	29.5	43.8	17.3	30.7	48.0 (41.3-54.7)
GLOUCESTER	851	17.0	22.8	39.9	17.1	22.7	39.8	17.0	22.8	39.8 (36.5-43.2)
GRANBY	158	24.7	23.5	48.2	*	*	28.8	22.2	17.1	39.2 (31.7-47.3)
GREATER LAWRENCE REG VOC TECH	392	11.0	32.6	43.6	17.7	27.7	45.5	14.8	29.8	44.6 (39.7-49.7)
GREENFIELD	327	15.2	24.1	39.2	17.2	23.1	40.2	16.2	23.5	39.8 (34.5-45.3)

Table 1. Overweight or Obese Children in Grades 1, 4, 7, 10 in Massachusetts School Districts, 2021-2022

School District	Total number of students screened	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	
	(N)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%; CI)	
GROTON-DUNSTABLE	584	13.4	14.4	27.7	20.9	10.6	31.5	17.1	12.5	29.6	(26-33.5)
HADLEY	132	*	*	35.1	*	*	39.7	27.3	9.8	37.1	(29-46)
HALIFAX	135	15.5	18.3	33.8	*	*	28.1	17.0	14.1	31.1	(23.6-39.7)
HAMILTON-WENHAM	507	19.8	7.9	27.7	13.2	5.7	18.9	16.4	6.7	23.1	(19.5-27)
HAMPDEN-WILBRAHAM	675	14.9	22.4	37.3	14.5	16.3	30.7	14.7	19.4	34.1	(30.5-37.8)
HAMPSHIRE	394	17.4	17.4	34.7	15.5	9.9	25.4	16.5	14.0	30.5	(26-35.3)
HATFIELD	61	*	*	34.5	*	*	43.8	*	*	39.3	(27.3-52.7)
HAVERHILL	1,620	16.4	33.0	49.3	19.8	29.5	49.3	18.0	31.3	49.3	(46.9-51.8)
HILLTOWN COOPERATIVE CS	74	*	*	*	*	*	*	*	*	14.9	(8-25.5)
HINGHAM	985	12.7	10.3	23.0	10.6	9.8	20.4	11.7	10.1	21.7	(19.2-24.5)
HOLLISTON	615	19.2	10.9	30.0	15.6	6.0	21.5	17.4	8.5	25.9	(22.5-29.5)
HOLYOKE	1,184	14.5	33.2	47.7	17.7	26.7	44.4	16.0	30.1	46.1	(43.3-49)
HOOSAC VALLEY REG	222	21.2	36.4	57.6	21.2	26.9	48.1	21.2	32.0	53.2	(46.4-59.8)
HOPKINTON	1,019	14.7	9.6	24.3	10.3	5.3	15.6	12.7	7.6	20.2	(17.8-22.8)
HUDSON	211	24.5	18.6	43.1	20.2	22.0	42.2	22.3	20.4	42.7	(35.9-49.6)
HULL	213	14.4	21.6	36.0	*	*	23.5	11.7	18.3	30.0	(24.1-36.8)
INNOVATION ACADEMY CS	46	*	*	*	*	*	*	*	*	*	NA
KING PHILIP	582	17.5	8.1	25.6	14.3	5.5	19.8	16.0	6.9	22.9	(19.5-26.5)
KINGSTON	294	16.4	15.8	32.2	18.3	10.6	28.9	17.3	13.3	30.6	(25.5-36.3)
KIPP ACADEMY BOSTON CS	159	30.5	25.6	56.1	32.5	23.4	55.8	31.4	24.5	56.0	(47.9-63.8)

Table 1. Overweight or Obese Children in Grades 1, 4, 7, 10 in Massachusetts School Districts, 2021-2022

School District	Total number of students screened	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	
	(N)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%, CI)	
KIPP ACADEMY LYNN CS	346	22.1	34.4	56.4	20.2	41.0	61.2	21.1	37.9	59.0	(53.6-64.2)
LABBB COLLAB	55	*	*	*	*	*	*	*	*	*	NA
LAWRENCE	3,736	15.9	40.2	56.2	17.9	36.6	54.5	16.9	38.5	55.4	(53.7-57)
LEICESTER	326	18.0	19.8	37.7	17.6	15.1	32.7	17.8	17.5	35.3	(30.1-40.8)
LENOX	217	15.7	14.8	30.6	15.6	13.8	29.4	15.7	14.3	30.0	(24-36.6)
LEOMINSTER	1,662	14.7	32.5	47.2	18.5	26.6	45.1	16.6	29.5	46.1	(43.7-48.6)
LEXINGTON	1,855	12.8	9.2	22.0	12.3	5.1	17.4	12.6	7.2	19.8	(18-21.7)
LINCOLN-SUDBURY	808	12.0	12.5	24.6	12.7	13.2	25.9	12.4	12.9	25.2	(22.3-28.4)
LITTLETON	451	18.5	9.3	27.8	14.9	13.2	28.1	16.6	11.3	27.9	(23.9-32.4)
LONGMEADOW	734	14.3	10.6	24.9	14.0	7.3	21.3	14.2	9.0	23.2	(20.2-26.4)
LOWELL	3,507	16.4	29.0	45.4	18.2	24.4	42.6	17.2	26.8	44.1	(42.4-45.7)
LOWELL COLLEGIATE CS	242	14.1	28.1	42.2	13.1	28.0	41.1	13.6	28.1	41.7	(35.5-48.2)
LUDLOW	657	13.5	23.0	36.5	17.8	15.7	33.5	15.7	19.3	35.0	(31.4-38.8)
LUNENBURG	420	18.9	16.5	35.4	15.4	16.4	31.8	17.1	16.4	33.6	(29.1-38.3)
LYNN	4,136	18.1	34.4	52.5	20.5	26.7	47.2	19.3	30.7	49.9	(48.4-51.5)
LYNNFIELD	401	14.4	8.8	23.1	14.1	7.6	21.6	14.2	8.2	22.4	(18.5-26.9)
MALDEN	1,342	15.1	22.0	37.0	15.1	22.3	37.3	15.1	22.1	37.2	(34.6-39.8)
MANCHESTER ESSEX REG	137	*	*	*	*	*	22.5	*	*	13.9	(8.8-21.1)
MARBLEHEAD	328	11.2	10.6	21.8	15.2	12.0	27.2	13.1	11.3	24.4	(19.9-29.5)
MARLBOROUGH	207	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	NA

Table 1. Overweight or Obese Children in Grades 1, 4, 7, 10 in Massachusetts School Districts, 2021-2022

School District	Total number of students screened	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
	(N)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%, CI)
MARSHFIELD	1,034	14.7	15.2	29.9	15.1	11.0	26.1	14.9	13.2	28.0 (25.3-30.9)
MARTHA'S VINEYARD CS	49	*	*	*	*	*	36.7	*	*	32.7 (20.4-47.7)
MASCONOMET	503	15.0	11.3	26.3	12.9	6.8	19.8	13.9	8.9	22.9 (19.3-26.8)
MASHPEE	441	11.9	28.8	40.7	15.6	22.9	38.5	13.6	26.1	39.7 (35.1-44.4)
MA VIRTUAL ACADEMY GREENFIELD CVD	373	*	*	*	*	*	*	*	*	* NA
MEDFIELD	670	14.2	8.6	22.7	13.9	7.3	21.1	14.0	7.9	21.9 (18.9-25.3)
MEDFORD	1,088	15.5	27.8	43.2	14.8	16.6	31.4	15.2	22.5	37.7 (34.8-40.6)
MELROSE	746	11.5	11.0	22.5	13.6	12.0	25.7	12.6	11.5	24.1 (21.1-27.4)
MENDON-UPTON	605	15.0	15.6	30.6	10.7	12.1	22.8	12.9	13.9	26.8 (23.3-30.5)
METHUEN	1,580	18.6	12.8	31.3	16.0	13.8	29.9	17.3	13.3	30.6 (28.3-32.9)
MIDDLEBOROUGH	120	24.2	27.3	51.5	25.9	29.6	55.6	25.0	28.3	53.3 (44-62.4)
MILFORD	853	13.0	28.3	41.3	18.9	21.9	40.8	15.8	25.2	41.0 (37.7-44.4)
MILLBURY	471	17.1	26.3	43.3	18.6	18.2	36.8	17.8	22.3	40.1 (35.7-44.7)
MILLIS	361	13.9	5.3	19.3	19.5	8.0	27.6	16.6	6.6	23.3 (19.1-28)
MINUTEMAN REG VOC TECH	163	11.0	13.0	24.0	*	*	31.7	12.3	14.7	27.0 (20.5-34.6)
MONOMOY REG	447	16.9	11.0	28.0	22.3	10.9	33.2	19.5	11.0	30.4 (26.2-35)
MOUNT GREYLOCK	198	15.1	18.6	33.7	21.4	10.7	32.1	18.7	14.1	32.8 (26.4-39.9)
MYSTIC VALLEY REG CS	510	8.4	7.2	15.7	*	*	8.0	5.7	6.1	11.8 (9.2-15)
NAHANT	34	*	*	*	*	*	*	*	*	* NA
NANTUCKET	343	17.2	30.5	47.7	18.3	29.0	47.3	17.8	29.7	47.5 (42.2-52.9)

Table 1. Overweight or Obese Children in Grades 1, 4, 7, 10 in Massachusetts School Districts, 2021-2022

School District	Total number of students screened	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
	(N)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%, CI)
NARRAGANSETT	338	12.8	23.9	36.7	16.5	22.8	39.2	14.5	23.4	37.9 (32.7-43.3)
NASHOBA	851	16.3	13.9	30.2	15.5	9.5	25.0	15.9	11.6	27.5 (24.5-30.7)
NAUSET (SU 54)	249	*	*	14.9	*	*	11.9	5.6	7.6	13.3 (9.4-18.3)
NEEDHAM	1,100	19.0	9.5	28.5	16.4	7.3	23.7	17.7	8.5	26.2 (23.6-28.9)
NEIGHBORHOOD HOUSE CS	78	*	*	34.1	*	*	40.5	*	*	37.2 (26.7-48.9)
NEW BEDFORD	2,920	16.5	36.1	52.6	19.4	31.8	51.3	17.9	34.0	52.0 (50.1-53.8)
NEW HEIGHTS CS OF BROCKTON	188	*	*	30.2	17.6	20.6	38.2	14.4	20.2	34.6 (27.9-41.9)
NEWBURYPORT	594	10.3	11.7	22.0	11.2	6.1	17.3	10.8	8.8	19.5 (16.5-23)
NEWTON	41	*	*	*	*	*	*	*	*	* NA
NORFOLK	116	22.4	19.4	41.8	*	*	26.5	18.1	17.2	35.3 (26.8-44.8)
NORTH ANDOVER	1,236	13.3	17.9	31.1	15.7	12.8	28.4	14.4	15.5	29.9 (27.3-32.5)
NORTH ATTLEBOROUGH	906	13.8	21.0	34.8	14.9	16.9	31.8	14.3	19.0	33.3 (30.3-36.5)
NORTH BROOKFIELD	122	*	*	34.0	21.7	23.2	44.9	18.9	21.3	40.2 (31.5-49.4)
NORTH MIDDLESEX	904	13.6	18.8	32.3	17.3	14.1	31.4	15.4	16.5	31.9 (28.8-35)
NORTH READING	623	14.2	17.2	31.4	11.7	9.4	21.1	13.0	13.5	26.5 (23.1-30.2)
NORTHAMPTON	679	14.2	15.8	30.0	11.9	11.9	23.8	13.1	14.0	27.1 (23.8-30.6)
NORTHEAST METROPOLITAN REG VOC TECH	302	11.6	34.3	45.9	17.7	30.0	47.7	14.2	32.5	46.7 (41-52.5)
NORTHERN BERKSHIRE REG VOC TECH	125	18.9	24.3	43.2	*	*	25.5	15.2	20.8	36.0 (27.8-45.1)
NORTHSHORE EDUCATION CONSORTIUM	27	*	*	66.7	*	*	*	*	*	51.9 (32.4-70.8)
NORTON	84	*	*	31.4	*	*	30.6	15.5	15.5	31.0 (21.6-42.1)

Table 1. Overweight or Obese Children in Grades 1, 4, 7, 10 in Massachusetts School Districts, 2021-2022

School District	Total number of students screened	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
	(N)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%, CI)
OLD ROCHESTER (SU 55)	139	14.3	20.0	34.3	*	*	20.3	10.8	16.5	27.3 (20.3-35.7)
OLD STURBRIDGE ACADEMY CS	109	17.7	27.4	45.2	*	*	59.6	17.4	33.9	51.4 (41.7-61)
OXFORD	202	16.7	25.9	42.6	22.3	22.3	44.7	19.3	24.3	43.6 (36.7-50.7)
PALMER	333	19.4	22.9	42.3	17.7	25.3	43.0	18.6	24.0	42.6 (37.3-48.2)
PATHFINDER REG VOC TECH	125	23.5	26.5	50.0	19.3	24.6	43.9	21.6	25.6	47.2 (38.3-56.3)
PEABODY	1,473	18.4	23.9	42.3	20.8	22.0	42.8	19.6	22.9	42.6 (40-45.1)
PEMBROKE	540	10.7	19.1	29.9	9.9	12.0	21.9	10.4	15.9	26.3 (22.7-30.3)
PHOENIX ACADEMY CHS CHELSEA	10	*	*	*	*	*	*	*	*	* NA
PIONEER CS OF SCIENCE I	185	32.3	40.9	73.1	26.1	46.7	72.8	29.2	43.8	73.0 (65.9-79.1)
PIONEER CS OF SCIENCE II	131	*	*	*	*	*	*	*	*	13.0 (8-20.2)
PIONEER VALLEY	179	29.1	19.8	48.8	17.2	15.1	32.3	22.9	17.3	40.2 (33.1-47.8)
PIONEER VALLEY CHINESE IMMERSION CS	154	*	*	18.4	*	*	23.1	13.0	7.8	20.8 (14.8-28.2)
PITTSFIELD	1,164	14.8	27.5	42.3	18.9	21.6	40.5	16.8	24.6	41.4 (38.6-44.3)
PLYMOUTH	2,424	10.7	24.6	35.2	15.8	17.0	32.8	13.2	20.9	34.0 (32.2-36)
PLYMPTON	54	*	*	*	*	*	*	*	*	18.5 (9.7-31.9)
QUINCY	1,990	16.8	20.8	37.6	17.8	16.1	33.8	17.3	18.5	35.8 (33.7-37.9)
RALPH C MAHAR	141	16.7	24.4	41.0	23.8	28.6	52.4	19.9	26.2	46.1 (37.7-54.7)
READING	733	9.3	7.3	16.6	8.8	9.5	18.3	9.0	8.5	17.5 (14.8-20.5)
RICHMOND	43	*	*	*	*	*	*	*	*	* NA
RIVER VALLEY CS	19	*	*	*	*	*	*	*	*	89.5 (65.5-98.2)

Table 1. Overweight or Obese Children in Grades 1, 4, 7, 10 in Massachusetts School Districts, 2021-2022

School District	Total number of students screened	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
	(N)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%, CI)
ROCKLAND	485	13.7	30.1	43.8	18.8	29.7	48.5	16.1	29.9	46.0 (41.5-50.5)
ROCKPORT	232	14.6	16.1	30.7	13.7	20.0	33.7	14.2	17.7	31.9 (26-38.4)
SALEM ACADEMY CS	135	*	*	29.0	21.2	16.7	37.9	16.3	17.0	33.3 (25.6-42)
SHARON	604	14.2	11.1	25.3	18.1	6.6	24.7	16.1	8.9	25.0 (21.6-28.7)
SHAWSHEEN VALLEY REG VOC TECH	330	19.6	25.7	45.3	19.0	31.9	50.9	19.4	27.9	47.3 (41.8-52.8)
SHREWSBURY	1,246	20.5	14.3	34.8	14.8	13.1	27.8	17.8	13.7	31.5 (29-34.2)
SILVER LAKE	234	14.8	24.6	39.3	23.2	16.1	39.3	18.8	20.5	39.3 (33.1-45.9)
SIZER SCHOOL: A NORTH CENTRAL ESSENTIAL CS	67	*	*	47.1	*	*	36.4	*	*	41.8 (30.1-54.5)
SOMERSET BERKLEY REG	214	19.2	21.2	40.4	14.5	14.5	29.1	16.8	17.8	34.6 (28.3-41.4)
SOMERVILLE	953	17.7	25.6	43.2	15.4	22.1	37.5	16.7	24.0	40.7 (37.6-43.9)
SOUTH HADLEY	472	14.8	20.0	34.8	12.8	19.4	32.2	13.8	19.7	33.5 (29.3-38)
SOUTH MIDDLESEX REG VOC TECH	210	19.1	23.6	42.7	28.0	21.0	49.0	23.3	22.4	45.7 (38.9-52.7)
SOUTH SHORE ED COLLAB	41	*	*	59.3	*	*	71.4	*	*	63.4 (46.9-77.4)
SOUTHERN BERKSHIRE	152	*	*	29.7	25.0	12.5	37.5	19.7	14.5	34.2 (26.8-42.4)
SOUTHERN WORCESTER CTY REG VOC TECH	268	15.7	24.5	40.3	19.3	23.9	43.1	17.2	24.3	41.4 (35.5-47.6)
SOUTHWICK-TOLLAND-GRANVILLE REG	361	10.5	23.0	33.5	14.7	14.7	29.4	12.5	19.1	31.6 (26.9-36.7)
SPRINGFIELD	6,072	16.6	38.8	55.4	18.1	33.7	51.7	17.3	36.2	53.6 (52.3-54.8)
SPRINGFIELD PREPARATORY CS	140	20.9	40.3	61.2	13.7	39.7	53.4	17.1	40.0	57.1 (48.5-65.4)
STONEHAM	618	15.1	21.8	36.9	14.0	13.0	26.9	14.6	17.5	32.0 (28.4-35.9)
STOUGHTON	949	15.0	23.6	38.5	22.6	17.1	39.7	18.7	20.4	39.1 (36-42.3)

Table 1. Overweight or Obese Children in Grades 1, 4, 7, 10 in Massachusetts School Districts, 2021-2022

School District	Total number of students screened	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	
	(N)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%, CI)	
STURGIS CS	177	*	*	34.3	15.5	17.3	32.7	17.5	15.8	33.3	(26.5-40.9)
SWAMPSCOTT	542	5.4	4.6	10.0	5.3	6.5	11.8	5.4	5.5	10.9	(8.5-13.9)
SWANSEA	601	14.6	21.4	36.1	16.2	17.1	33.3	15.5	19.1	34.6	(30.8-38.6)
TANTASQUA (SU 61)	851	12.0	24.0	36.0	17.4	20.3	37.7	14.6	22.2	36.8	(33.5-40.1)
TAUNTON	2,151	17.7	30.8	48.5	23.0	27.5	50.5	20.3	29.2	49.5	(47.3-51.6)
TEWKSBURY	120	*	*	17.7	*	*	24.1	*	*	20.8	(14.2-29.4)
THE EDUCATION COOPERATIVE (TEC)	16	0.0	0.0	0.0	*	*	*	*	*	*	NA
TISBURY	97	*	*	21.3	*	*	28.0	12.4	12.4	24.7	(16.8-34.7)
TYNGSBOROUGH	445	13.7	19.5	33.2	14.2	17.2	31.4	13.9	18.4	32.4	(28.1-37)
UP-ISLAND REG	126	*	*	25.8	*	*	26.6	17.5	8.7	26.2	(19-34.9)
UXBRIDGE	494	10.9	10.5	21.3	11.5	7.5	18.9	11.1	9.1	20.2	(16.8-24.1)
VERITAS PREPARATORY CS	95	23.8	42.9	66.7	*	*	62.3	20.0	44.2	64.2	(53.7-73.6)
WACHUSETT	1,766	15.8	15.5	31.3	15.6	12.1	27.7	15.7	13.8	29.5	(27.4-31.7)
WAKEFIELD	944	17.9	11.6	29.5	13.5	9.9	23.3	15.8	10.8	26.6	(23.8-29.6)
WALPOLE	958	16.8	11.2	28.0	16.1	10.1	26.3	16.5	10.6	27.1	(24.4-30.1)
WARE	314	17.2	31.3	48.5	20.0	35.6	55.6	18.8	33.8	52.5	(46.9-58.2)
WAREHAM	605	18.8	29.6	48.4	16.3	27.2	43.5	17.5	28.4	46.0	(41.9-50)
WAYLAND	821	14.3	5.8	20.0	11.5	6.1	17.7	12.9	6.0	18.9	(16.3-21.8)
WELLESLEY	1,210	11.1	8.7	19.8	10.2	4.0	14.2	10.7	6.4	17.0	(15-19.3)
WEST SPRINGFIELD	1,052	15.5	28.9	44.4	18.2	23.4	41.6	16.8	26.2	43.1	(40.1-46.1)

Table 1. Overweight or Obese Children in Grades 1, 4, 7, 10 in Massachusetts School Districts, 2021-2022

School District	Total number of students screened	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	
	(N)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(% , CI)	
WESTBOROUGH	1,069	14.5	13.4	28.0	14.4	9.1	23.6	14.5	11.3	25.8	(23.2-28.6)
WESTFIELD	951	10.3	19.4	29.8	10.3	11.8	22.1	10.3	15.8	26.1	(23.3-29)
WESTFORD	937	13.8	10.8	24.6	12.7	6.7	19.3	13.2	8.8	22.0	(19.4-24.8)
WESTON	547	*	*	9.6	*	*	9.4	2.4	7.1	9.5	(7.2-12.4)
WEYMOUTH	1,247	16.0	23.5	39.5	22.7	16.4	39.1	19.6	19.7	39.3	(36.6-42.1)
WHITMAN-HANSON	884	15.6	22.9	38.5	14.1	17.1	31.2	14.9	20.2	35.2	(32-38.4)
WHITTIER REG VOC TECH	303	15.8	29.7	45.5	14.5	23.2	37.7	15.2	26.7	41.9	(36.3-47.7)
WILMINGTON	405	14.6	14.6	29.2	16.7	13.4	30.1	15.6	14.1	29.6	(25.3-34.4)
WINCHENDON	135	20.3	39.2	59.5	*	*	55.4	17.8	40.0	57.8	(49-66.1)
WINCHESTER	916	12.9	7.3	20.2	10.4	3.8	14.2	11.7	5.6	17.2	(14.9-19.9)
WINTHROP	470	19.0	21.9	40.9	15.4	16.2	31.6	17.2	19.1	36.4	(32.1-40.9)
WOBURN	934	15.5	21.0	36.5	17.4	15.6	33.0	16.5	18.2	34.7	(31.7-37.9)
WORCESTER	5,179	17.3	33.4	50.7	20.1	27.2	47.3	18.7	30.4	49.1	(47.7-50.5)
WORTHINGTON	21	*	*	*	*	*	*	*	*	*	NA

Notes: Data that did not pass data quality tests were excluded from the analysis. *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 term *Males and Females* includes all students without exception. *Underweight* – BMI for age percentile < 5th percentile; *Healthy weight* – BMI for age percentile between 5th and 85th percentile; *Overweight* – BMI for age percentile between 85th and 95th percentile; *Obese* – BMI for age percentile ≥ 95th percentile.

* Data is suppressed when there are fewer than 10 individuals in a cell. NA: Not Applicable (No students in this subgroup were screened. In the CI column, NA indicates the CI is not available).

Table 2. Body Mass Index Screening Results for Children in Grade 1 in Massachusetts School Districts, 2021-2022

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)
TOTAL	38,873	61.9	14.6	19.7	34.3	62.8	14.8	18.6	33.3	33.8 (33.3-34.3)
ABINGTON	181	57.1	15.5	25.0	40.5	66.0	11.3	19.6	30.9	35.4 (28.5-42.8)
ACTON-BOXBOROUGH	299	78.9	7.5	10.2	17.7	80.3	*	*	15.1	16.4 (12.5-21.2)
ALMA DEL MAR CS	102	48.0	*	*	46.0	34.6	34.6	23.1	57.7	52.0 (41.9-61.9)
AMESBURY	104	58.8	*	*	37.3	60.4	20.8	18.9	39.6	38.5 (29.2-48.5)
AMHERST-PELHAM	132	70.3	*	*	29.7	83.8	*	*	16.2	22.7 (16.1-31.0)
ANDOVER	353	70.6	12.8	12.2	25.0	74.6	13.3	6.4	19.7	22.4 (18.2-27.2)
ARLINGTON	329	77.2	10.0	6.1	16.1	77.9	*	*	16.1	16.1 (12.4-20.6)
ASHBURNHAM-WESTMINSTER	156	58.4	15.6	22.1	37.7	64.6	16.5	16.5	32.9	35.3 (27.9-43.4)
ASHLAND	228	72.0	16.0	9.6	25.6	70.9	11.7	15.5	27.2	26.3 (20.8-32.6)
ATHOL-ROYALSTON	118	54.1	24.6	16.4	41.0	52.6	*	*	42.1	41.5 (32.6-51.0)
ATTLEBORO	122	55.4	18.5	23.1	41.5	59.6	21.1	19.3	40.4	41.0 (32.3-50.3)
AVON	40	47.6	*	*	52.4	63.2	*	*	*	37.5 (23.2-54.2)
BARNSTABLE	338	60.2	12.9	22.0	34.9	53.9	19.7	25.0	44.7	39.3 (34.1-44.8)
BELCHERTOWN	140	65.3	*	*	34.7	60.3	19.1	19.1	38.2	36.4 (28.6-45.0)
BELLINGHAM	121	50.0	*	*	32.3	69.5	*	*	22.0	27.3 (19.8-36.3)
BELMONT	142	73.5	*	*	17.6	70.3	*	*	23.0	20.4 (14.3-28.2)
BERKLEY	76	58.5	*	*	31.7	65.7	*	*	28.6	30.3 (20.5-42.0)
BERKSHIRE HILLS	58	80.0	*	*	*	82.1	*	*	*	19.0 (10.3-31.8)
BERLIN BOYLSTON (REG + SU 60)	114	86.3	*	*	*	84.1	*	*	*	8.8 (4.5-15.9)

Table 2. Body Mass Index Screening Results for Children in Grade 1 in Massachusetts School Districts, 2021-2022

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)	
BEVERLY	343	69.6	10.9	15.2	26.1	67.3	16.4	12.6	28.9	27.4	(22.8-32.5)
BLACKSTONE-MILLVILLE	113	59.7	*	*	33.9	51.0	21.6	21.6	43.1	38.1	(29.2-47.7)
BOSTON	1,126	57.8	13.1	26.8	40.0	59.5	15.3	22.8	38.1	39.1	(36.2-42.0)
BRAINTREE	362	63.6	16.2	15.0	31.2	61.4	15.3	17.5	32.8	32.0	(27.3-37.2)
BRIDGE BOSTON CS	35	*	*	*	68.4	62.5	*	*	*	51.4	(34.3-68.3)
BRIDGEWATER-RAYNHAM	444	58.7	19.7	19.7	39.4	65.5	15.9	14.6	30.5	34.9	(30.5-39.6)
BROCKTON	972	51.2	18.1	28.4	46.4	51.7	16.7	29.5	46.2	46.3	(43.1-49.5)
BROOKE CS MATTAPAN	74	69.4	*	*	30.6	34.2	26.3	39.5	65.8	48.6	(37.0-60.5)
BROOKLINE	396	76.5	12.2	8.7	20.9	80.5	9.5	6.5	16.0	18.4	(14.8-22.7)
BURLINGTON	1	*	*	*	*	*	*	*	*	0.0	NA
CANTON	251	74.2	11.7	9.4	21.1	77.2	*	*	22.0	21.5	(16.7-27.2)
CAPE COD COLLAB	4	*	*	*	*	*	*	*	*	*	NA
CAPS ED COLLAB	4	*	*	*	*	*	*	*	*	*	NA
CARVER	100	58.6	*	*	34.5	73.8	*	*	23.8	30.0	(21.5-40.1)
CHELMSFORD	398	66.3	15.3	16.3	31.6	70.2	13.5	9.6	23.1	27.1	(22.9-31.8)
CHICOPEE	441	53.1	13.8	28.0	41.8	49.0	18.3	27.7	46.0	43.8	(39.1-48.5)
CLINTON	147	67.1	*	*	31.6	66.2	16.2	16.2	32.4	32.0	(24.7-40.2)
COHASSET	105	95.9	*	*	*	83.9	*	*	*	10.5	(5.6-18.4)
CONCORD-CARLISLE	193	81.2	*	*	12.9	77.2	*	*	14.1	13.5	(9.1-19.3)
DANVERS	286	64.3	13.0	20.1	33.1	64.4	15.2	19.7	34.8	33.9	(28.5-39.8)
DARTMOUTH	232	50.8	*	*	29.0	52.8	10.2	23.1	33.3	31.0	(25.2-37.5)
DEDHAM	109	65.1	11.9	19.3	31.2	NA	NA	NA	NA	31.2	(22.9-40.9)

Table 2. Body Mass Index Screening Results for Children in Grade 1 in Massachusetts School Districts, 2021-2022

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)
DENNIS-YARMOUTH	202	54.4	24.4	20.0	44.4	39.3	17.9	42.9	60.7	53.5 (46.3-60.5)
DIGHTON-REHOBOTH	208	80.4	*	*	18.8	81.3	*	*	16.7	17.8 (13.0-23.8)
DOVER-SHERBORN (REG + SU 50)	134	82.5	*	*	15.9	80.3	*	*	14.1	14.9 (9.6-22.4)
DRACUT	307	63.5	12.2	22.4	34.6	64.9	13.2	19.9	33.1	33.9 (28.7-39.5)
EAST LONGMEADOW	151	56.2	15.1	26.0	41.1	70.5	*	*	26.9	33.8 (26.4-42.0)
EASTHAMPTON	114	75.9	*	*	22.4	71.4	*	*	28.6	25.4 (18.0-34.6)
EASTON	142	68.5	*	*	27.4	68.1	*	*	29.0	28.2 (21.1-36.4)
EDGARTOWN	47	50.0	*	*	50.0	60.9	*	*	*	44.7 (30.5-59.8)
ERVING (SU 28)	60	76.9	*	*	*	82.4	*	*	*	16.7 (8.7-29.0)
FAIRHAVEN	116	63.8	*	*	32.8	62.1	*	*	32.8	32.8 (24.5-42.2)
FALL RIVER	765	43.1	21.1	29.9	51.0	49.0	14.6	30.2	44.9	47.7 (44.1-51.3)
FALMOUTH	213	67.5	15.0	14.2	29.2	58.1	16.1	17.2	33.3	31.0 (24.9-37.7)
FITCHBURG	372	58.2	12.2	24.9	37.0	59.0	12.0	22.4	34.4	35.8 (30.9-40.9)
FLORIDA	13	*	*	*	*	*	*	*	*	* NA
FOXBOROUGH	147	71.4	*	*	28.6	67.9	*	*	32.1	29.9 (22.8-38.1)
FOXBOROUGH REG CS	134	60.3	*	*	34.9	54.9	15.5	28.2	43.7	39.6 (31.3-48.4)
FRAMINGHAM	493	58.7	15.2	22.7	37.9	68.8	14.3	14.3	28.6	33.7 (29.5-38.1)
FREETOWN-LAKEVILLE	228	74.8	12.6	11.7	24.3	58.1	13.7	24.8	38.5	31.6 (25.7-38.1)
FRONTIER (REG + SU 38)	66	67.4	*	*	27.9	52.2	*	*	*	30.3 (19.9-43.0)
GARDNER	167	54.8	11.9	33.3	45.2	56.6	13.3	30.1	43.4	44.3 (36.7-52.2)
GATEWAY	31	NA	*	*	*	78.3	*	*	*	41.9 (25.1-60.7)
GILL-MONTAGUE	58	64.7	*	*	35.3	66.7	*	*	*	34.5 (22.8-48.2)

Table 2. Body Mass Index Screening Results for Children in Grade 1 in Massachusetts School Districts, 2021-2022

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)
GLOUCESTER	217	61.8	17.3	19.1	36.4	65.4	17.8	14.0	31.8	34.1 (27.9-40.9)
GRANBY	35	57.9	*	*	*	68.8	*	*	*	37.1 (22.0-55.1)
GREENFIELD	95	62.5	*	*	37.5	55.3	*	*	44.7	41.1 (31.2-51.6)
GROTON-DUNSTABLE	148	78.6	*	*	20.0	66.7	*	*	30.8	25.7 (19.0-33.6)
HADLEY	35	63.2	*	*	*	68.8	*	*	*	31.4 (17.4-49.4)
HALIFAX	65	58.1	*	*	*	67.6	*	*	*	27.7 (17.7-40.4)
HAMILTON-WENHAM	131	69.8	*	*	30.2	77.9	*	*	20.6	25.2 (18.2-33.7)
HAMPDEN-WILBRAHAM	163	67.8	16.1	14.9	31.0	64.5	18.4	13.2	31.6	31.3 (24.4-39.1)
HAMPSHIRE	90	61.1	*	*	38.9	66.7	*	*	33.3	36.7 (26.9-47.5)
HATFIELD	15	*	*	*	*	*	*	*	*	* NA
HAVERHILL	517	51.8	13.6	32.7	46.3	55.5	16.3	27.8	44.1	45.3 (40.9-49.7)
HILLTOWN COOPERATIVE CS	22	76.9	*	*	*	*	0.0	0.0	0.0	* NA
HINGHAM	221	74.8	*	*	13.5	68.2	9.1	10.9	20.0	16.7 (12.2-22.5)
HOLLISTON	98	66.7	*	*	*	80.5	*	*	*	11.2 (6.0-19.6)
HOLYOKE	345	50.0	12.2	33.9	46.1	52.7	14.5	27.3	41.8	44.1 (38.8-49.5)
HOOSAC VALLEY REG	69	45.9	*	*	51.4	62.5	*	*	*	40.6 (29.1-53.1)
HOPKINTON	250	75.2	9.8	7.5	17.3	85.5	*	*	10.3	14.0 (10.1-19.1)
HUDSON	77	79.4	*	*	*	51.2	*	*	39.5	31.2 (21.4-42.9)
HULL	41	81.8	*	*	*	57.9	*	*	*	26.8 (14.8-43.2)
KINGSTON	147	69.9	15.1	15.1	30.1	74.3	*	*	24.3	27.2 (20.4-35.3)
KIPP ACADEMY BOSTON CS	67	50.0	*	*	40.6	42.9	*	*	42.9	41.8 (30.1-54.5)
KIPP ACADEMY LYNN CS	112	41.7	29.2	27.1	56.3	39.1	17.2	43.8	60.9	58.9 (49.2-68.0)

Table 2. Body Mass Index Screening Results for Children in Grade 1 in Massachusetts School Districts, 2021-2022

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)	
LABBB COLLAB	5	*	*	*	*	*	*	*	*	*	NA
LAWRENCE	997	47.0	18.8	30.1	48.9	44.4	18.1	32.8	51.0	49.9	(46.8-53.1)
LEICESTER	86	59.5	*	*	38.1	72.7	*	*	27.3	32.6	(23.1-43.6)
LENOX	46	87.5	*	*	*	76.7	*	*	*	*	NA
LEOMINSTER	379	56.7	12.8	30.5	43.3	51.0	20.8	27.1	47.9	45.6	(40.6-50.8)
LEXINGTON	346	82.1	8.7	5.6	14.4	79.5	*	*	14.6	14.5	(11.0-18.7)
LINCOLN-SUDBURY	330	72.8	12.6	12.6	25.2	75.4	12.8	9.5	22.3	23.6	(19.2-28.7)
LITTLETON	104	66.1	*	*	32.2	66.7	*	*	31.1	31.7	(23.1-41.7)
LONGMEADOW	164	81.4	*	*	*	71.8	*	*	21.8	15.9	(10.8-22.6)
LOWELL	1,082	58.9	14.9	23.6	38.5	54.3	17.5	23.9	41.4	39.8	(36.9-42.8)
LOWELL COLLEGIATE CS	61	58.3	*	*	33.3	56.0	*	*	40.0	36.1	(24.5-49.4)
LUDLOW	155	65.9	13.6	14.8	28.4	61.2	14.9	14.9	29.9	29.0	(22.2-37.0)
LUNENBURG	113	69.8	*	*	28.3	56.7	18.3	21.7	40.0	34.5	(26.0-44.1)
LYNN	1,078	50.8	16.4	30.2	46.6	52.9	17.0	27.9	44.9	45.7	(42.7-48.8)
LYNNFIELD	80	90.9	*	*	*	77.8	*	*	*	*	NA
MALDEN	363	60.8	13.8	16.4	30.2	54.6	12.6	19.5	32.2	31.1	(26.5-36.2)
MANCHESTER ESSEX REG	78	90.9	*	*	*	68.9	*	*	22.2	14.1	(7.6-24.3)
MARBLEHEAD	70	80.5	*	*	*	72.4	*	*	*	17.1	(9.5-28.4)
MARSHFIELD	250	69.3	17.5	10.9	28.5	75.2	11.5	11.5	23.0	26.0	(20.8-32.0)
MARTHA'S VINEYARD CS	11	*	0.0	0.0	0.0	*	*	*	*	*	NA
MASHPEE	102	70.6	*	*	27.5	54.9	*	*	41.2	34.3	(25.4-44.4)
MA VIRTUAL ACADEMY GREENFIELD CVD	50	100.0	0.0	0.0	0.0	100.0	0.0	0.0	0.0	0.0	NA

Table 2. Body Mass Index Screening Results for Children in Grade 1 in Massachusetts School Districts, 2021-2022

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	182	71.1	12.0	13.3	25.3	80.8	*	*	17.2	20.9 (15.4-27.7)
MEDFORD	292	56.4	10.7	29.5	40.3	68.5	12.6	15.4	28.0	34.2 (28.9-40.0)
MELROSE	294	81.8	8.8	9.5	18.2	79.6	9.6	10.8	20.4	19.4 (15.1-24.5)
MENDON-UPTON	150	69.7	*	*	30.3	71.6	*	*	25.7	28.0 (21.1-36.0)
METHUEN	386	48.9	25.3	6.3	31.6	59.7	16.8	6.6	23.5	27.5 (23.1-32.3)
MILFORD	279	61.1	8.4	26.7	35.1	58.1	16.9	21.6	38.5	36.9 (31.3-42.9)
MILLBURY	91	53.8	*	*	40.4	69.2	*	*	28.2	35.2 (25.6-46.0)
MILLIS	82	47.6	*	*	52.4	35.0	*	*	65.0	58.5 (47.1-69.1)
MONOMOY REG	112	70.0	*	*	28.3	63.5	*	*	32.7	30.4 (22.2-39.9)
MYSTIC VALLEY REG CS	153	82.1	*	*	*	90.7	*	*	*	* NA
NAHANT	24	78.6	*	*	*	*	*	*	*	* NA
NARRAGANSETT	110	75.9	*	*	24.1	62.5	*	*	33.9	29.1 (21.0-38.6)
NASHOBA	224	69.4	12.1	14.5	26.6	73.0	12.0	11.0	23.0	25.0 (19.6-31.3)
NAUSET (SU 54)	18	*	*	*	*	90.9	*	*	*	* NA
NEEDHAM	266	59.7	18.0	11.5	29.5	72.4	7.9	7.9	15.7	22.9 (18.1-28.5)
NEW BEDFORD	889	47.7	18.1	32.5	50.5	50.9	19.3	28.6	47.9	49.3 (45.9-52.6)
NEWBURYPORT	118	76.2	*	*	23.8	80.0	*	*	*	19.5 (13.0-28.0)
NEWTON	20	*	0.0	0.0	0.0	*	*	*	*	* NA
NORTH ANDOVER	310	61.0	11.6	18.3	29.9	75.3	11.6	8.9	20.5	25.5 (20.8-30.8)
NORTH ATTLEBOROUGH	281	68.9	13.3	16.3	29.6	66.4	11.0	16.4	27.4	28.5 (23.3-34.2)
NORTH BROOKFIELD	39	82.4	*	*	*	63.6	*	*	*	* NA
NORTH MIDDLESEX	264	64.3	11.9	19.6	31.5	72.7	13.2	11.6	24.8	28.4 (23.1-34.3)

Table 2. Body Mass Index Screening Results for Children in Grade 1 in Massachusetts School Districts, 2021-2022

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)
NORTH READING	180	66.3	11.9	18.8	30.7	63.3	13.9	13.9	27.8	29.4 (23.0-36.8)
NORTHAMPTON	150	74.1	*	*	19.8	75.4	*	*	23.2	21.3 (15.2-28.9)
NORTON	24	*	*	*	*	66.7	*	*	*	41.7 (22.8-63.1)
OLD ROCHESTER (SU 55)	55	62.1	*	*	*	69.2	*	*	*	25.5 (15.1-39.3)
OLD STURBRIDGE ACADEMY CS	37	52.6	*	*	*	*	*	*	61.1	51.4 (34.7-67.8)
PALMER	88	65.4	*	*	30.8	55.6	*	*	41.7	35.2 (25.5-46.2)
PEABODY	413	59.9	20.3	17.9	38.2	54.9	20.4	19.9	40.3	39.2 (34.5-44.1)
PEMBROKE	142	69.2	*	*	24.4	75.0	*	*	20.3	22.5 (16.1-30.5)
PIONEER CS OF SCIENCE I	63	*	34.3	42.9	77.1	*	*	*	71.4	74.6 (61.8-84.4)
PIONEER VALLEY	58	44.8	*	*	55.2	69.0	*	*	*	41.4 (28.9-55.0)
PIONEER VALLEY CHINESE IMMERSION CS	40	88.9	*	*	*	81.8	*	*	*	* NA
PITTSFIELD	279	60.3	17.6	20.6	38.2	55.4	20.3	21.6	41.9	40.1 (34.4-46.2)
PLYMOUTH	571	61.0	16.4	19.5	35.9	62.7	14.4	19.0	33.5	34.7 (30.8-38.8)
PLYMPTON	25	68.8	*	*	*	*	*	*	*	* NA
READING	214	74.0	*	*	18.8	72.9	11.9	8.5	20.3	19.6 (14.7-25.7)
RICHMOND	15	*	0.0	0.0	0.0	*	*	*	*	* NA
RIVER VALLEY CS	7	*	*	*	*	*	*	*	*	* NA
ROCKLAND	143	50.7	*	*	38.4	45.7	17.1	21.4	38.6	38.5 (30.6-47.0)
ROCKPORT	45	89.7	*	*	*	75.0	*	*	*	* NA
SHARON	155	69.9	*	*	18.1	65.3	*	*	23.6	20.6 (14.7-28.0)
SHREWSBURY	323	66.1	20.7	10.9	31.6	65.1	18.8	13.4	32.2	31.9 (26.9-37.3)
SOMERVILLE	308	61.5	19.9	15.5	35.4	68.7	9.5	17.7	27.2	31.5 (26.4-37.0)

Table 2. Body Mass Index Screening Results for Children in Grade 1 in Massachusetts School Districts, 2021-2022

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)	
SOUTH HADLEY	93	69.8	*	*	30.2	68.0	*	*	30.0	30.1	(21.3-40.6)
SOUTH SHORE ED COLLAB	2	*	*	*	*	*	*	*	*	*	NA
SOUTHERN BERKSHIRE	53	75.0	*	*	*	75.9	*	*	*	20.8	(11.3-34.5)
SOUTHWICK-TOLLAND-GRANVILLE REG	87	69.6	*	*	28.3	65.9	*	*	31.7	29.9	(20.8-40.8)
SPRINGFIELD	1,514	51.7	14.6	30.7	45.2	53.2	13.0	31.2	44.2	44.7	(42.2-47.3)
SPRINGFIELD PREPARATORY CS	47	*	*	*	63.6	40.0	*	*	60.0	61.7	(46.4-75.1)
STONEHAM	172	61.1	14.7	22.1	36.8	71.4	*	*	27.3	32.6	(25.7-40.2)
STOUGHTON	192	61.5	16.7	21.9	38.5	60.4	21.9	15.6	37.5	38.0	(31.2-45.3)
SWAMPSCOTT	124	86.6	*	*	*	86.0	*	*	*	9.7	(5.3-16.6)
SWANSEA	103	31.3	*	*	46.9	70.4	*	*	23.9	31.1	(22.5-41.1)
TANTASQUA (SU 61)	211	61.2	*	*	35.9	55.6	19.4	23.1	42.6	39.3	(32.8-46.3)
TAUNTON	521	51.4	17.4	28.6	46.0	51.4	17.6	29.0	46.5	46.3	(41.9-50.6)
THE EDUCATION COOPERATIVE (TEC)	2	*	*	*	*	*	*	*	*	0.0	NA
TISBURY	38	84.2	*	*	*	84.2	*	*	*	*	NA
TYNGSBOROUGH	108	75.9	*	*	17.2	70.0	*	*	24.0	20.4	(13.5-29.4)
UP-ISLAND REG	42	63.6	*	*	*	70.0	*	*	*	31.0	(18.1-47.2)
UXBRIDGE	92	60.0	*	*	38.0	76.2	*	*	*	30.4	(21.5-41.0)
WACHUSETT	402	63.2	16.7	14.7	31.4	67.7	15.7	13.1	28.8	30.1	(25.7-34.9)
WAKEFIELD	275	71.0	14.5	9.7	24.1	73.8	13.1	7.7	20.8	22.5	(17.8-28.0)
WALPOLE	312	71.9	15.8	8.2	24.0	76.5	13.3	7.2	20.5	22.1	(17.7-27.2)
WARE	68	52.0	*	*	48.0	46.5	*	*	53.5	51.5	(39.1-63.6)
WAREHAM	163	56.2	19.2	23.3	42.5	63.3	*	*	35.6	38.7	(31.2-46.6)

Table 2. Body Mass Index Screening Results for Children in Grade 1 in Massachusetts School Districts, 2021-2022

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	212	77.1	*	*	21.1	78.6	*	*	18.4	19.8 (14.8-25.9)
WELLESLEY	259	74.2	11.3	11.3	22.6	79.3	*	*	17.0	19.7 (15.1-25.2)
WEST SPRINGFIELD	284	60.1	11.1	25.5	36.6	55.0	16.8	26.7	43.5	39.8 (34.1-45.8)
WESTBOROUGH	275	72.5	9.4	12.1	21.5	73.8	*	*	18.3	20.0 (15.5-25.3)
WESTFIELD	251	58.9	17.7	21.8	39.5	66.1	15.0	17.3	32.3	35.9 (30.0-42.2)
WESTON	137	78.5	*	*	*	73.6	*	*	13.9	13.9 (8.8-21.1)
WEYMOUTH	332	65.5	8.2	21.6	29.8	59.0	22.4	17.4	39.8	34.6 (29.6-40.1)
WHITMAN-HANSON	216	55.8	14.2	26.7	40.8	70.8	*	*	27.1	34.7 (28.5-41.5)
WILMINGTON	101	77.8	*	*	22.2	74.5	*	*	23.4	22.8 (15.3-32.4)
WINCHESTER	180	78.9	*	*	18.9	78.8	*	*	17.6	18.3 (13.1-24.9)
WINTHROP	139	77.6	*	*	19.4	73.6	*	*	23.6	21.6 (15.2-29.5)
WOBURN	305	64.6	15.0	18.4	33.3	67.7	15.8	14.6	30.4	31.8 (26.7-37.4)
WORCESTER	1,266	50.1	17.1	28.8	45.8	53.9	18.4	24.8	43.2	44.6 (41.9-47.4)
WORTHINGTON	9	*	*	*	*	*	*	*	*	* NA

Notes: Data that did not pass data quality tests were excluded from the analysis. *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 term *Males and Females* includes all students without exception. *Underweight* – BMI for age percentile < 5th percentile; *Healthy weight* – BMI for age percentile between 5th and 85th percentile; *Overweight* – BMI for age percentile between 85th and 95th percentile; *Obese* – BMI for age percentile ≥ 95th percentile.

* Data is suppressed when there are fewer than 10 individuals in a cell. NA: Not Applicable (No students in this subgroup were screened. In the CI column, NA indicates the CI is not available).

Table 3. Body Mass Index Screening Results for Children in Grade 4 in Massachusetts School Districts, 2021-2022

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)
TOTAL	41,951	55.3	16.6	25.0	41.6	59.0	17.0	20.4	37.4	39.5 (39.0-40.0)
ABINGTON	146	54.9	15.5	21.1	36.6	50.7	26.7	13.3	40.0	38.4 (30.5-46.8)
ACTON-BOXBOROUGH	397	69.9	16.2	9.7	25.9	74.6	12.7	8.3	21.0	23.7 (19.6-28.2)
ALMA DEL MAR CS	104	33.3	29.6	18.5	48.1	38.0	24.0	24.0	48.0	48.1 (38.3-58.0)
AMESBURY	128	56.5	14.5	26.1	40.6	44.1	23.7	28.8	52.5	46.1 (37.3-55.1)
AMHERST-PELHAM	175	71.3	12.9	14.9	27.7	70.3	*	*	25.7	26.9 (20.6-34.2)
ANDOVER	393	64.0	19.9	13.7	33.6	74.7	8.8	13.2	22.0	28.2 (23.9-33.0)
ARLINGTON	284	68.9	12.6	11.9	24.4	75.8	14.1	6.7	20.8	22.5 (17.9-27.9)
ASHBURNHAM-WESTMINSTER	153	61.3	14.7	21.3	36.0	48.7	21.8	26.9	48.7	42.5 (34.6-50.7)
ASHLAND	204	59.8	21.5	15.9	37.4	71.1	13.4	12.4	25.8	31.9 (25.6-38.8)
ATHOL-ROYALSTON	123	37.1	27.4	33.9	61.3	32.8	21.3	42.6	63.9	62.6 (53.4-71.0)
ATTLEBORO	268	57.7	19.2	20.8	40.0	54.3	17.4	23.9	41.3	40.7 (34.8-46.8)
AVON	50	48.4	*	*	51.6	*	*	*	57.9	54.0 (39.5-67.9)
BARNSTABLE	381	47.7	17.6	34.2	51.8	54.9	16.5	26.9	43.4	47.8 (42.7-52.9)
BELCHERTOWN	153	69.9	*	*	26.0	76.3	*	*	21.3	23.5 (17.2-31.2)
BELLINGHAM	136	64.4	*	*	31.5	63.5	15.9	15.9	31.7	31.6 (24.1-40.2)
BELMONT	226	64.0	14.4	17.1	31.5	76.5	9.6	12.2	21.7	26.5 (21.0-32.9)
BERKLEY	75	57.1	*	*	42.9	75.0	*	*	*	32.0 (22.0-43.9)
BERKSHIRE HILLS	56	61.9	*	*	*	68.6	*	*	28.6	32.1 (20.6-46.1)
BERLIN BOYLSTON (REG + SU 60)	142	83.5	*	*	*	89.5	*	*	*	9.9 (5.7-16.3)
BEVERLY	348	60.8	17.7	17.7	35.5	66.7	15.4	16.0	31.5	33.6 (28.7-38.9)

Table 3. Body Mass Index Screening Results for Children in Grade 4 in Massachusetts School Districts, 2021-2022

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)
BLACKSTONE-MILLVILLE	118	53.3	16.7	23.3	40.0	53.4	*	*	37.9	39.0 (30.3-48.4)
BOSTON	1,159	43.3	16.9	38.1	54.9	53.5	14.8	27.9	42.6	49.2 (46.3-52.1)
BOURNE	89	75.5	*	*	24.5	61.1	*	*	38.9	30.3 (21.3-41.1)
BRAINTREE	377	55.2	21.3	16.7	38.0	66.0	15.4	14.7	30.1	34.7 (30.0-39.8)
BRIDGE BOSTON CS	22	*	*	*	*	*	*	*	*	* NA
BRIDGEWATER-RAYNHAM	443	59.7	17.6	20.6	38.2	62.9	17.1	17.1	34.3	36.3 (31.9-41.0)
BROCKTON	991	44.7	18.9	34.7	53.6	45.0	17.7	34.8	52.4	53.0 (49.8-56.1)
BROOKE CS MATTAPAN	64	50.0	*	*	50.0	55.9	*	*	44.1	46.9 (34.5-59.7)
BROOKLINE	436	70.8	14.6	10.6	25.2	78.1	9.0	7.1	16.2	20.9 (17.2-25.1)
BURLINGTON	1	*	*	*	*	*	*	*	*	* NA
CANTON	237	62.0	17.4	17.4	34.7	67.2	12.9	17.2	30.2	32.5 (26.6-38.9)
CAPE COD COLLAB	14	*	*	*	*	*	*	*	*	* NA
CAPS ED COLLAB	4	*	*	*	*	*	*	*	*	* NA
CARVER	103	53.2	*	*	40.4	60.7	*	*	35.7	37.9 (28.6-48.0)
CHELMSFORD	382	57.7	16.8	23.5	40.3	60.2	15.6	19.4	34.9	37.7 (32.9-42.8)
CHICOPEE	451	44.8	17.4	34.9	52.3	46.7	21.9	29.0	51.0	51.7 (46.9-56.4)
CLINTON	115	55.6	*	*	44.4	61.5	*	*	38.5	41.7 (32.7-51.3)
COHASSET	92	78.6	*	*	*	84.0	*	*	*	14.1 (8.0-23.3)
CONCORD-CARLISLE	226	80.5	*	*	16.1	72.2	11.1	9.3	20.4	18.1 (13.5-23.9)
DANVERS	218	59.3	13.8	24.4	38.2	63.2	12.6	15.8	28.4	33.9 (27.8-40.7)
DARTMOUTH	251	49.6	13.3	25.9	39.3	51.7	20.7	15.5	36.2	37.8 (31.9-44.2)
DEDHAM	155	56.3	*	*	40.0	62.7	*	*	30.7	35.5 (28.1-43.6)

Table 3. Body Mass Index Screening Results for Children in Grade 4 in Massachusetts School Districts, 2021-2022

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)
DENNIS-YARMOUTH	204	53.2	21.3	24.5	45.7	55.5	17.3	23.6	40.9	43.1 (36.3-50.2)
DIGHTON-REHOBOTH	207	69.7	*	*	28.4	71.4	11.2	12.2	23.5	26.1 (20.4-32.7)
DOVER-SHERBORN (REG + SU 50)	137	70.0	*	*	30.0	76.1	*	*	19.4	24.8 (18.0-33.1)
DRACUT	301	48.4	21.1	27.3	48.4	60.7	15.0	22.9	37.9	43.5 (37.9-49.3)
DUXBURY	99	75.5	*	*	22.6	65.2	*	*	26.1	24.2 (16.4-34.1)
EAST LONGMEADOW	187	55.9	16.1	23.7	39.8	67.0	18.1	12.8	30.9	35.3 (28.6-42.6)
EASTHAMPTON	107	44.2	*	*	51.9	52.7	18.2	27.3	45.5	48.6 (38.9-58.4)
EASTON	48	52.0	*	*	48.0	78.3	*	*	*	33.3 (20.8-48.5)
EDGARTOWN	39	54.5	*	*	*	64.7	*	*	*	38.5 (23.8-55.3)
ERVING (SU 28)	62	62.9	*	*	31.4	59.3	*	*	*	32.3 (21.3-45.5)
FAIRHAVEN	125	54.4	17.6	25.0	42.6	57.9	*	*	35.1	39.2 (30.7-48.4)
FALL RIVER	909	43.5	15.9	37.5	53.4	42.8	18.6	36.0	54.6	54.0 (50.7-57.3)
FALMOUTH	265	52.3	20.8	24.2	45.0	60.3	16.4	17.2	33.6	40.0 (34.1-46.2)
FITCHBURG	346	45.9	16.2	35.1	51.4	42.9	26.7	28.0	54.7	52.9 (47.5-58.2)
FLORIDA	3	*	*	*	*	*	*	*	*	* NA
FOXBOROUGH	150	63.8	13.8	17.5	31.3	67.1	*	*	28.6	30.0 (22.9-38.1)
FOXBOROUGH REG CS	131	53.8	20.0	23.1	43.1	56.1	16.7	24.2	40.9	42.0 (33.5-50.9)
FRAMINGHAM	476	52.7	19.1	24.1	43.2	56.6	19.6	21.3	40.9	42.0 (37.6-46.6)
FREETOWN-LAKEVILLE	166	46.3	19.5	29.3	48.8	57.1	19.0	20.2	39.3	44.0 (36.4-51.9)
FRONTIER (REG + SU 38)	84	43.6	30.8	25.6	56.4	48.9	26.7	22.2	48.9	52.4 (41.3-63.3)
GARDNER	116	49.1	*	*	49.1	47.5	19.7	27.9	47.5	48.3 (39.0-57.7)
GATEWAY	63	74.1	*	*	*	55.6	*	*	44.4	34.9 (23.6-48.1)

Table 3. Body Mass Index Screening Results for Children in Grade 4 in Massachusetts School Districts, 2021-2022

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)
GILL-MONTAGUE	76	39.5	*	*	57.9	50.0	*	*	50.0	53.9 (42.2-65.3)
GLOUCESTER	206	50.5	20.6	27.8	48.5	54.1	19.3	24.8	44.0	46.1 (39.2-53.2)
GRANBY	32	*	*	*	*	66.7	*	*	*	34.4 (19.2-53.2)
GREENFIELD	68	57.1	*	*	31.4	60.6	*	*	30.3	30.9 (20.5-43.4)
GROTON-DUNSTABLE	173	70.8	*	*	25.8	67.9	*	*	28.6	27.2 (20.8-34.5)
HADLEY	31	*	*	*	*	*	*	*	*	48.4 (30.6-66.6)
HALIFAX	70	60.0	*	*	37.5	63.3	*	*	*	34.3 (23.6-46.7)
HAMILTON-WENHAM	135	67.7	*	*	32.3	78.6	*	*	20.0	25.9 (18.9-34.3)
HAMPDEN-WILBRAHAM	190	61.1	10.5	26.3	36.8	71.6	15.8	10.5	26.3	31.6 (25.1-38.8)
HAMPSHIRE	96	66.7	*	*	33.3	70.8	*	*	25.0	29.2 (20.6-39.5)
HATFIELD	23	*	*	*	*	*	*	*	84.6	78.3 (55.8-91.7)
HAVERHILL	597	48.1	18.0	32.9	50.8	47.0	20.5	31.1	51.7	51.3 (47.2-55.3)
HILLTOWN COOPERATIVE CS	22	80.0	*	*	*	*	*	*	*	* NA
HINGHAM	262	70.8	15.4	13.1	28.5	75.0	10.6	8.3	18.9	23.7 (18.7-29.4)
HOLLISTON	161	55.0	*	*	37.5	71.6	*	*	22.2	29.8 (23.0-37.6)
HOLYOKE	310	42.7	15.8	38.6	54.4	42.4	20.1	34.5	54.7	54.5 (48.8-60.1)
HOOSAC VALLEY REG	63	43.2	*	*	56.8	73.1	*	*	*	44.4 (32.1-57.4)
HOPKINTON	264	69.9	17.6	7.4	25.0	71.1	12.5	7.8	20.3	22.7 (17.9-28.4)
HUDSON	87	46.9	*	*	51.0	52.6	*	*	42.1	47.1 (36.4-58.1)
HULL	62	54.5	*	*	42.4	82.8	*	*	*	30.6 (19.9-43.8)
KINGSTON	147	64.6	17.7	16.5	34.2	63.2	19.1	14.7	33.8	34.0 (26.5-42.3)
KIPP ACADEMY BOSTON CS	44	41.7	*	*	54.2	*	*	*	65.0	59.1 (43.3-73.3)

Table 3. Body Mass Index Screening Results for Children in Grade 4 in Massachusetts School Districts, 2021-2022

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	118	36.8	22.8	40.4	63.2	29.5	*	*	68.9	66.1 (56.7-74.4)	
LABBB COLLAB	8	*	*	*	*	*	*	*	*	0.0 NA	
LAWRENCE	1,003	38.3	16.3	43.8	60.1	39.7	20.9	36.0	56.9	58.5 (55.4-61.6)	
LEICESTER	118	58.6	19.0	20.7	39.7	60.0	*	*	26.7	33.1 (24.8-42.4)	
LENOX	47	70.8	*	*	*	56.5	*	*	43.5	36.2 (23.1-51.5)	
LEOMINSTER	396	46.4	15.3	35.7	51.0	51.0	19.0	28.0	47.0	49.0 (44.0-54.0)	
LEXINGTON	474	66.9	16.5	12.8	29.3	78.4	13.4	5.6	19.0	24.3 (20.5-28.4)	
LINCOLN-SUDBURY	381	71.0	12.5	13.0	25.5	70.7	12.7	14.4	27.1	26.2 (22.0-31.0)	
LITTLETON	134	59.6	19.3	19.3	38.6	64.9	15.6	13.0	28.6	32.8 (25.1-41.6)	
LONGMEADOW	188	71.7	*	*	23.9	79.2	*	*	18.8	21.3 (15.8-28.0)	
LOWELL	1,055	48.0	16.8	32.5	49.3	53.8	17.0	25.6	42.6	46.1 (43.0-49.1)	
LOWELL COLLEGIATE CS	95	54.0	*	*	44.0	55.6	*	*	40.0	42.1 (32.2-52.7)	
LUDLOW	157	54.1	*	*	40.5	65.1	*	*	31.3	35.7 (28.3-43.7)	
LUNENBURG	111	56.9	*	*	37.3	68.3	*	*	28.3	32.4 (24.0-42.1)	
LYNN	1,084	39.5	18.8	39.7	58.5	48.3	21.4	27.5	48.9	53.7 (50.7-56.7)	
LYNNFIELD	173	65.9	19.8	13.2	33.0	67.1	*	*	26.8	30.1 (23.5-37.6)	
MALDEN	328	47.4	15.4	27.4	42.9	45.1	15.7	26.8	42.5	42.7 (37.3-48.2)	
MANCHESTER ESSEX REG	59	93.9	*	*	*	73.1	*	*	*	* NA	
MARBLEHEAD	167	72.9	*	*	24.7	67.1	*	*	28.0	26.3 (20.0-33.8)	
MARSHFIELD	266	69.8	14.7	14.7	29.5	66.4	16.1	15.3	31.4	30.5 (25.1-36.4)	
MARTHA'S VINEYARD CS	15	*	*	*	*	*	*	*	*	* NA	
MASHPEE	104	51.6	*	*	43.5	52.4	*	*	42.9	43.3 (33.7-53.3)	

Table 3. Body Mass Index Screening Results for Children in Grade 4 in Massachusetts School Districts, 2021-2022

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)	
MA VIRTUAL ACADEMY	66	100.0	0.0	0.0	0.0	100.0	0.0	0.0	0.0	0.0	NA
GREENFIELD CVD											
MEDFIELD	191	76.3	*	*	21.3	66.7	18.0	11.7	29.7	26.2 (20.2-33.1)	
MEDFORD	284	48.6	20.4	27.5	47.9	64.8	14.8	19.0	33.8	40.8 (35.1-46.8)	
MELROSE	280	75.5	10.5	14.0	24.5	62.8	19.7	14.6	34.3	29.3 (24.1-35.1)	
MENDON-UPTON	158	63.8	18.8	13.8	32.5	70.5	*	*	24.4	28.5 (21.7-36.3)	
METHUEN	433	57.4	*	*	21.8	53.7	20.8	5.2	26.0	24.0 (20.1-28.4)	
MIDDLEBOROUGH	98	51.9	24.1	22.2	46.3	45.5	29.5	25.0	54.5	50.0 (39.8-60.2)	
MILFORD	327	51.7	15.7	32.0	47.7	56.8	20.0	20.6	40.6	44.3 (38.9-49.9)	
MILLBURY	101	67.4	*	*	30.2	60.3	17.2	17.2	34.5	32.7 (23.9-42.8)	
MILLIS	98	79.2	*	*	20.8	64.0	*	*	36.0	28.6 (20.1-38.7)	
MONOMOY REG	142	72.3	*	*	27.7	67.8	*	*	32.2	29.6 (22.4-37.9)	
MYSTIC VALLEY REG CS	148	76.3	*	*	19.7	84.7	*	*	*	14.9 (9.7-21.9)	
NAHANT	10	*	*	*	*	*	0.0	0.0	0.0	*	NA
NANTUCKET	114	44.4	15.9	38.1	54.0	49.0	*	*	45.1	50.0 (40.5-59.5)	
NARRAGANSETT	63	55.9	*	*	35.3	44.8	*	*	55.2	44.4 (32.1-57.4)	
NASHOBA	231	62.1	19.0	15.5	34.5	67.8	19.1	9.6	28.7	31.6 (25.7-38.1)	
NAUSET (SU 54)	29	*	*	*	*	70.6	*	*	*	41.4 (24.1-60.9)	
NEEDHAM	302	60.4	*	*	33.6	69.3	*	*	26.1	29.8 (24.8-35.4)	
NEW BEDFORD	850	41.5	16.7	40.2	56.9	45.3	16.9	36.6	53.5	55.3 (51.9-58.7)	
NEWBURYPORT	131	52.8	*	*	30.2	62.8	*	*	19.2	23.7 (16.9-32.0)	
NEWTON	21	*	*	*	*	*	*	*	*	*	NA
NORFOLK	116	55.2	22.4	19.4	41.8	67.3	*	*	26.5	35.3 (26.8-44.8)	

Table 3. Body Mass Index Screening Results for Children in Grade 4 in Massachusetts School Districts, 2021-2022

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)	
NORTH ANDOVER	248	66.7	17.5	12.7	30.2	70.5	*	*	25.4	27.8 (22.4-33.9)	
NORTH ATTLEBOROUGH	290	69.1	7.9	21.7	29.6	72.5	15.9	10.9	26.8	28.3 (23.2-33.9)	
NORTH BROOKFIELD	30	*	*	*	*	*	*	*	62.5	56.7 (37.7-74.0)	
NORTH MIDDLESEX	240	63.2	19.8	12.3	32.1	63.4	17.9	15.7	33.6	32.9 (27.1-39.3)	
NORTH READING	168	62.9	14.6	22.5	37.1	69.6	*	*	21.5	29.8 (23.1-37.4)	
NORTHAMPTON	172	53.6	20.2	22.6	42.9	68.2	12.5	19.3	31.8	37.2 (30.1-44.9)	
NORTON	1	*	*	*	*	*	*	*	*	0.0 NA	
OLD ROCHESTER (SU 55)	84	58.5	*	*	39.0	76.7	*	*	*	28.6 (19.5-39.6)	
OLD STURBRIDGE ACADEMY CS	36	54.5	*	*	45.5	*	*	*	*	50.0 (33.2-66.8)	
PALMER	93	48.9	*	*	46.8	69.6	*	*	30.4	38.7 (29.0-49.4)	
PEABODY	394	53.4	17.3	27.2	44.5	53.7	20.2	21.7	41.9	43.1 (38.2-48.2)	
PEMBROKE	127	59.4	*	*	40.6	76.2	*	*	22.2	31.5 (23.7-40.4)	
PIONEER CS OF SCIENCE I	64	40.6	*	*	59.4	*	*	*	68.8	64.1 (51.0-75.4)	
PIONEER VALLEY	45	*	*	*	50.0	60.9	*	*	*	42.2 (28.0-57.8)	
PIONEER VALLEY CHINESE IMMERSION CS	42	73.9	*	*	*	68.4	*	*	*	26.2 (14.4-42.3)	
PITTSFIELD	337	48.3	14.4	36.8	51.1	54.0	20.2	23.9	44.2	47.8 (42.4-53.2)	
PLYMOUTH	600	57.1	14.2	25.7	39.9	63.0	16.5	17.8	34.3	37.2 (33.3-41.2)	
PLYMPTON	29	66.7	*	*	*	92.9	*	*	*	* NA	
QUINCY	701	57.5	16.1	22.4	38.5	60.6	19.8	17.3	37.1	37.8 (34.2-41.5)	
READING	234	78.0	10.6	8.1	18.7	72.1	14.4	10.8	25.2	21.8 (16.8-27.7)	
RICHMOND	17	83.3	*	*	*	*	0.0	0.0	0.0	* NA	
RIVER VALLEY CS	6	*	*	*	*	*	*	*	*	* NA	

Table 3. Body Mass Index Screening Results for Children in Grade 4 in Massachusetts School Districts, 2021-2022

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	157	47.6	15.5	31.0	46.4	37.0	26.0	30.1	56.2	51.0 (42.9-59.0)
ROCKPORT	56	53.3	*	*	43.3	61.5	*	*	*	39.3 (26.8-53.2)
SHARON	168	72.8	*	*	23.5	70.1	*	*	25.3	24.4 (18.3-31.7)
SHREWSBURY	417	52.1	22.1	19.4	41.5	68.5	15.5	13.0	28.5	35.3 (30.7-40.1)
SOMERVILLE	216	58.5	11.4	27.6	39.0	57.0	14.0	23.7	37.6	38.4 (32.0-45.3)
SOUTH HADLEY	127	55.6	23.8	20.6	44.4	64.1	15.6	20.3	35.9	40.2 (31.7-49.2)
SOUTH SHORE ED COLLAB	10	0.0	*	*	*	*	*	*	*	* NA
SOUTHERN BERKSHIRE	31	*	*	*	*	50.0	*	*	*	41.9 (25.1-60.7)
SOUTHWICK-TOLLAND-GRANVILLE REG	76	58.1	*	*	41.9	63.6	*	*	33.3	38.2 (27.5-50.1)
SPRINGFIELD	1,607	39.9	17.1	40.9	58.0	43.1	18.8	36.7	55.5	56.8 (54.3-59.2)
SPRINGFIELD PREPARATORY CS	47	*	*	*	66.7	53.1	*	*	43.8	51.1 (36.3-65.7)
STONEHAM	163	57.3	16.0	20.0	36.0	67.0	12.5	15.9	28.4	31.9 (25.0-39.7)
STOUGHTON	234	63.2	16.0	20.8	36.8	55.5	23.4	18.0	41.4	39.3 (33.1-45.9)
SWAMPSCOTT	124	89.4	*	*	*	86.2	*	*	*	* NA
SWANSEA	171	63.7	18.7	12.1	30.8	53.8	20.0	18.8	38.8	34.5 (27.5-42.2)
TANTASQUA (SU 61)	233	62.5	*	*	33.0	60.3	17.4	20.7	38.0	35.6 (29.5-42.2)
TAUNTON	501	48.1	19.2	31.0	50.2	42.0	27.5	28.6	56.1	53.3 (48.8-57.7)
TISBURY	37	60.0	*	*	*	58.8	*	*	*	35.1 (20.7-52.6)
TYNGSBOROUGH	122	55.9	16.2	25.0	41.2	61.1	*	*	33.3	37.7 (29.2-47.0)
UP-ISLAND REG	37	80.0	*	*	*	82.4	*	*	*	* NA
UXBRIDGE	136	72.5	*	*	18.8	77.6	*	*	14.9	16.9 (11.2-24.5)
WACHUSETT	417	61.4	18.8	16.4	35.3	67.1	19.0	11.0	30.0	32.6 (28.2-37.4)

Table 3. Body Mass Index Screening Results for Children in Grade 4 in Massachusetts School Districts, 2021-2022

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	255	61.6	18.1	16.7	34.8	71.8	9.4	13.7	23.1	29.4 (24.0-35.5)
WALPOLE	271	64.6	16.5	14.2	30.7	63.2	22.2	11.8	34.0	32.5 (27.0-38.4)
WARE	80	45.5	*	*	54.5	40.4	*	*	53.2	53.8 (42.3-64.8)
WAREHAM	164	46.4	16.7	34.5	51.2	47.5	21.3	31.3	52.5	51.8 (43.9-59.6)
WAYLAND	226	71.6	14.7	10.3	25.0	74.5	*	*	22.7	23.9 (18.6-30.1)
WELLESLEY	285	69.3	16.3	10.5	26.8	76.5	*	*	18.2	22.8 (18.2-28.2)
WEST SPRINGFIELD	270	44.8	16.4	37.3	53.7	58.1	18.4	22.8	41.2	47.4 (41.3-53.5)
WESTBOROUGH	302	64.6	17.4	15.3	32.6	68.4	13.9	13.9	27.8	30.1 (25.1-35.7)
WESTFIELD	229	48.0	16.3	30.9	47.2	65.1	12.3	20.8	33.0	40.6 (34.2-47.3)
WESTFORD	335	69.2	14.1	8.6	22.7	74.7	12.7	8.0	20.7	21.8 (17.6-26.7)
WESTON	112	82.7	*	*	*	90.0	*	*	*	* NA
WEYMOUTH	305	53.3	21.7	21.1	42.8	59.5	19.6	16.3	35.9	39.3 (33.9-45.1)
WHITMAN-HANSON	230	51.5	17.7	29.2	46.9	63.0	15.0	22.0	37.0	42.6 (36.2-49.3)
WINCHESTER	270	79.2	*	*	17.4	79.3	*	*	15.7	16.7 (12.5-21.8)
WINTHROP	121	51.7	22.4	25.9	48.3	60.3	*	*	33.3	40.5 (31.8-49.8)
WOBURN	297	57.4	17.7	23.4	41.1	62.2	16.7	17.9	34.6	37.7 (32.2-43.5)
WORCESTER	1,234	42.6	16.8	38.7	55.5	51.4	20.4	26.6	47.0	51.6 (48.8-54.4)
WORTHINGTON	12	*	*	*	*	*	*	*	*	* NA

Notes: Data that did not pass data quality tests were excluded from the analysis. 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 term *Males and Females* includes all students without exception. *Underweight* – BMI for age percentile < 5th percentile; *Healthy weight* – BMI for age percentile between 5th and 85th percentile; *Overweight* – BMI for age percentile between 85th and 95th percentile; *Obese* – BMI for age percentile ≥ 95th percentile.

* Data is suppressed when there are fewer than 10 individuals in a cell. NA: Not Applicable (No students in this subgroup were screened. In the CI column, NA indicates the CI is not available).

Table 4. Body Mass Index Screening Results for Children in Grade 7 in Massachusetts School Districts, 2021-2022

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)
TOTAL	41,426	56.1	16.3	24.1	40.4	59.7	17.8	20.1	37.9	39.2 (38.7-39.6)
ABINGTON	149	56.2	21.9	17.8	39.7	65.8	*	*	25.0	32.2 (24.9-40.4)
ACTON-BOXBOROUGH	231	65.1	12.7	15.9	28.6	66.7	19.0	12.4	31.4	29.9 (24.1-36.3)
ADVANCED MATH AND SCIENCE ACADEMY CS	142	68.7	*	*	26.5	67.8	*	*	30.5	28.2 (21.1-36.4)
ALMA DEL MAR CS	128	25.4	44.4	15.9	60.3	33.8	41.5	18.5	60.0	60.2 (51.1-68.6)
AMESBURY	151	58.3	15.5	22.6	38.1	50.7	19.4	28.4	47.8	42.4 (34.5-50.7)
AMHERST-PELHAM	178	69.2	12.5	14.4	26.9	70.3	*	*	25.7	26.4 (20.2-33.6)
ANDOVER	433	71.7	16.0	9.1	25.1	76.6	14.0	7.0	21.0	23.1 (19.3-27.4)
ARLINGTON	23	80.0	*	*	*	*	*	*	*	* NA
ASHBURNHAM-WESTMINSTER	449	45.4	19.7	31.5	51.3	46.0	22.3	30.8	53.1	52.1 (47.4-56.8)
ASHLAND	235	71.3	10.7	14.8	25.4	72.6	12.4	14.2	26.5	26.0 (20.6-32.1)
ATHOL-ROYALSTON	97	47.4	17.5	35.1	52.6	65.0	*	*	32.5	44.3 (34.4-54.8)
ATTLEBORO	82	50.0	*	*	50.0	52.6	*	*	42.1	46.3 (35.4-57.6)
AVON	55	48.4	*	*	51.6	54.2	*	*	45.8	49.1 (35.5-62.8)
BARNSTABLE	356	47.4	20.8	30.2	51.0	56.1	20.1	22.6	42.7	47.2 (41.9-52.5)
BAYSTATE ACADEMY CS	61	48.6	*	*	51.4	50.0	*	*	38.5	45.9 (33.3-59.1)
BELCHERTOWN	169	52.5	17.2	28.3	45.5	45.7	30.0	21.4	51.4	47.9 (40.2-55.7)
BELLINGHAM	162	53.2	17.7	20.3	38.0	59.0	20.5	19.3	39.8	38.9 (31.4-46.9)
BELMONT	141	77.8	*	*	16.7	79.7	*	*	17.4	17.0 (11.4-24.5)
BERKLEY	89	46.7	26.7	22.2	48.9	47.7	27.3	25.0	52.3	50.6 (39.8-61.2)
BERKSHIRE ARTS AND TECHNOLOGY CS	71	86.1	*	*	*	91.4	*	*	*	* NA
BERLIN BOYLSTON (REG + SU 60)	245	92.1	*	*	*	91.6	*	*	7.6	7.8 (4.9-12.0)

Table 4. Body Mass Index Screening Results for Children in Grade 7 in Massachusetts School Districts, 2021-2022

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)
BEVERLY	218	58.0	18.8	20.5	39.3	58.5	19.8	19.8	39.6	39.4 (33.0-46.3)
BLACKSTONE-MILLVILLE	99	56.4	*	*	41.8	43.2	25.0	31.8	56.8	48.5 (38.4-58.7)
BOSTON	845	49.8	15.5	31.0	46.5	51.1	17.2	29.5	46.7	46.6 (43.2-50.1)
BOSTON COLLEGIATE CS	30	*	*	*	*	*	*	*	*	46.7 (28.8-65.4)
BOSTON PREPARATORY CS	91	45.2	*	*	54.8	57.1	20.4	22.4	42.9	48.4 (37.8-59.0)
BOURNE	130	54.7	*	*	45.3	62.1	*	*	37.9	41.5 (33.1-50.5)
BRAINTREE	374	57.0	16.7	21.5	38.2	66.0	13.3	16.5	29.8	34.0 (29.2-39.0)
BRIDGE BOSTON CS	35	*	*	*	55.6	58.8	*	*	*	48.6 (31.7-65.7)
BRIDGEWATER-RAYNHAM	415	57.4	14.2	24.9	39.1	63.3	17.9	17.0	34.9	36.9 (32.2-41.7)
BROCKTON	945	42.6	17.2	37.4	54.6	48.5	20.9	29.9	50.8	52.8 (49.6-56.0)
BROOKE CS MATTAPAN	45	57.9	*	*	*	65.4	*	*	*	37.8 (24.2-53.5)
BROOKLINE	456	77.4	11.5	7.1	18.6	76.5	13.0	7.0	20.0	19.3 (15.8-23.3)
CANTON	221	63.0	20.4	16.7	37.0	65.5	17.7	13.3	31.0	33.9 (27.8-40.6)
CAPE COD COLLAB	15	*	*	*	*	*	*	*	*	* NA
CAPE COD LIGHTHOUSE CS	82	60.0	*	*	35.6	64.9	*	*	32.4	34.1 (24.3-45.5)
CAPS ED COLLAB	12	*	*	*	*	0.0	*	*	*	* NA
CARVER	116	62.7	*	*	35.3	58.5	20.0	21.5	41.5	38.8 (30.0-48.3)
CENTRAL BERKSHIRE	110	56.1	15.2	27.3	42.4	54.5	*	*	43.2	42.7 (33.5-52.5)
CHELMSFORD	338	62.5	16.1	17.7	33.9	58.2	22.6	15.8	38.4	35.8 (30.7-41.2)
CHICOPEE	650	51.2	16.1	29.9	46.0	41.9	20.4	34.9	55.4	50.2 (46.2-54.1)
CLINTON	123	56.5	19.4	22.6	41.9	62.3	21.3	16.4	37.7	39.8 (31.2-49.1)
COHASSET	103	82.4	*	*	*	86.5	*	*	*	11.7 (6.4-19.8)
CONCORD-CARLISLE	212	65.5	18.2	10.9	29.1	76.5	*	*	20.6	25.0 (19.4-31.5)

Table 4. Body Mass Index Screening Results for Children in Grade 7 in Massachusetts School Districts, 2021-2022

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)
DANVERS	204	61.9	14.2	17.7	31.9	61.5	14.3	22.0	36.3	33.8 (27.5-40.8)
DARTMOUTH	279	54.1	15.1	30.1	45.2	56.4	17.3	22.6	39.8	42.7 (36.8-48.7)
DEDHAM	94	48.1	*	*	51.9	52.5	*	*	47.5	50.0 (39.6-60.4)
DENNIS-YARMOUTH	199	46.4	19.6	28.9	48.5	62.7	22.5	14.7	37.3	42.7 (35.8-49.9)
DIGHTON-REHOBOTH	195	57.0	23.7	18.3	41.9	59.8	18.6	20.6	39.2	40.5 (33.6-47.8)
DOUGLAS	86	62.2	*	*	35.6	58.5	*	*	41.5	38.4 (28.3-49.5)
DOVER-SHERBORN (REG + SU 50)	151	77.6	*	*	18.8	75.8	*	*	21.2	19.9 (14.0-27.3)
DRACUT	257	51.9	17.9	12.3	30.2	78.1	*	*	16.6	22.2 (17.4-27.9)
DUXBURY	143	57.4	20.6	19.1	39.7	68.0	*	*	32.0	35.7 (28.0-44.2)
EAST LONGMEADOW	190	67.8	9.6	19.1	28.7	85.3	*	*	14.7	23.2 (17.5-29.9)
EASTHAMPTON	65	64.7	*	*	29.4	41.9	*	*	58.1	43.1 (31.1-55.9)
EDGARTOWN	50	56.5	*	*	43.5	74.1	*	*	*	34.0 (21.6-48.9)
EXCEL ACADEMY CS	119	46.7	16.7	36.7	53.3	54.2	*	*	45.8	49.6 (40.3-58.8)
FAIRHAVEN	154	56.2	13.7	27.4	41.1	45.7	25.9	28.4	54.3	48.1 (40.0-56.2)
FALL RIVER	754	48.5	18.7	32.6	51.3	50.0	18.7	29.4	48.1	49.7 (46.1-53.4)
FALMOUTH	236	59.3	17.8	22.0	39.8	65.3	17.8	12.7	30.5	35.2 (29.2-41.7)
FITCHBURG	235	42.1	20.2	33.3	53.5	51.2	28.1	19.0	47.1	50.2 (43.7-56.8)
FLORIDA	12	*	*	*	*	*	0.0	0.0	0.0	* NA
FOXBOROUGH	144	61.5	17.9	20.5	38.5	59.1	19.7	18.2	37.9	38.2 (30.3-46.7)
FOXBOROUGH REG CS	146	57.1	15.9	22.2	38.1	47.0	24.1	14.5	38.6	38.4 (30.5-46.8)
FRAMINGHAM	317	47.9	23.9	22.5	46.5	61.1	14.9	20.0	34.9	40.1 (34.7-45.7)
FRANCIS W. PARKER CHARTER ESSENTIAL	64	78.3	*	*	*	73.2	*	*	26.8	25.0 (15.4-37.7)
FREETOWN-LAKEVILLE	121	54.7	*	*	42.2	61.4	*	*	36.8	39.7 (31.0-49.0)

Table 4. Body Mass Index Screening Results for Children in Grade 7 in Massachusetts School Districts, 2021-2022

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)
FRONTIER (REG + SU 38)	99	48.1	*	*	48.1	53.2	*	*	44.7	46.5 (36.5-56.7)
GARDNER	184	53.1	17.3	28.6	45.9	41.9	25.6	29.1	54.7	50.0 (42.6-57.4)
GATEWAY	74	51.2	*	*	48.8	60.6	*	*	36.4	43.2 (31.9-55.2)
GILL-MONTAGUE	44	*	*	*	65.4	*	*	*	*	59.1 (43.3-73.3)
GLOUCESTER	205	54.8	14.4	30.8	45.2	46.5	15.8	31.7	47.5	46.3 (39.4-53.4)
GRANBY	46	43.5	*	*	52.2	60.9	*	*	*	45.7 (31.2-60.8)
GREENFIELD	100	47.7	22.7	29.5	52.3	60.7	*	*	39.3	45.0 (35.1-55.2)
GROTON-DUNSTABLE	139	67.6	17.6	14.7	32.4	62.0	22.5	15.5	38.0	35.3 (27.5-43.9)
HADLEY	29	71.4	*	*	*	*	*	*	*	34.5 (18.6-54.3)
HAMILTON-WENHAM	125	71.4	*	*	28.6	82.3	*	*	*	20.8 (14.3-29.2)
HAMPDEN-WILBRAHAM	202	56.4	16.8	26.7	43.6	62.4	13.9	21.8	35.6	39.6 (32.9-46.7)
HAMPSHIRE	118	53.1	23.4	18.8	42.2	68.5	*	*	29.6	36.4 (27.9-45.9)
HATFIELD	11	*	0.0	0.0	0.0	*	*	*	*	* NA
HAVERHILL	506	46.3	17.4	33.3	50.7	46.2	22.5	29.2	51.7	51.2 (46.7-55.6)
HILLTOWN COOPERATIVE CS	30	77.8	*	*	*	100.0	0.0	0.0	0.0	* NA
HINGHAM	261	67.2	16.0	13.6	29.6	68.4	14.0	11.0	25.0	27.2 (22.0-33.1)
HOLLISTON	194	62.1	23.2	12.6	35.8	71.7	15.2	12.1	27.3	31.4 (25.1-38.5)
HOLYOKE	304	44.1	13.2	39.5	52.6	52.0	17.8	28.9	46.7	49.7 (43.9-55.4)
HOOSAC VALLEY REG	90	29.5	22.7	40.9	63.6	26.1	30.4	43.5	73.9	68.9 (58.1-78.0)
HOPKINTON	283	66.0	16.0	13.0	29.0	81.0	8.3	8.3	16.5	23.7 (18.9-29.1)
HUDSON	47	*	*	*	63.2	53.6	*	*	46.4	53.2 (38.2-67.6)
HULL	60	46.7	*	*	53.3	66.7	*	*	*	40.0 (27.8-53.5)
INNOVATION ACADEMY CS	27	70.6	*	*	*	100.0	0.0	0.0	0.0	* NA

Table 4. Body Mass Index Screening Results for Children in Grade 7 in Massachusetts School Districts, 2021-2022

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)
KING PHILIP	290	75.2	15.5	7.5	23.0	74.4	*	*	24.0	23.4 (18.8-28.8)
KIPP ACADEMY BOSTON CS	48	*	*	*	76.9	*	*	*	68.2	72.9 (57.9-84.3)
KIPP ACADEMY LYNN CS	116	48.3	*	*	50.0	46.6	29.3	24.1	53.4	51.7 (42.3-61.0)
LABBB COLLAB	14	*	*	*	*	*	*	*	*	* NA
LAWRENCE	1,017	44.9	15.3	35.2	50.5	49.0	18.8	29.4	48.1	49.4 (46.2-52.5)
LEICESTER	59	71.4	*	*	*	58.1	*	*	41.9	33.9 (22.4-47.5)
LENOX	61	54.8	*	*	41.9	80.0	*	*	*	31.1 (20.2-44.4)
LEOMINSTER	456	47.3	16.4	34.5	50.9	47.8	20.4	31.3	51.7	51.3 (46.6-56.0)
LEXINGTON	559	72.9	13.1	11.0	24.1	81.0	9.7	6.7	16.4	20.4 (17.2-24.0)
LINCOLN-SUDBURY	97	80.4	*	*	19.6	61.0	*	*	36.6	26.8 (18.6-36.9)
LITTLETON	112	72.2	*	*	20.4	60.3	*	*	39.7	30.4 (22.2-39.9)
LONGMEADOW	208	63.0	17.6	16.0	33.6	77.5	*	*	19.1	27.4 (21.6-34.1)
LOWELL	1,117	45.8	17.6	32.9	50.5	52.1	21.2	25.6	46.8	48.7 (45.7-51.7)
LOWELL COLLEGIATE CS	61	51.4	*	*	48.6	53.8	*	*	46.2	47.5 (34.8-60.6)
LUDLOW	157	47.9	*	*	40.8	61.6	15.1	22.1	37.2	38.9 (31.3-47.0)
LUNENBURG	99	62.7	*	*	35.3	66.7	*	*	31.3	33.3 (24.4-43.6)
LYNN	1,018	43.8	18.2	36.5	54.7	50.1	22.3	26.5	48.9	52.0 (48.8-55.1)
LYNNFIELD	64	77.1	*	*	*	75.9	*	*	*	20.3 (11.7-32.6)
MALDEN	371	41.3	15.9	21.7	37.6	38.5	18.7	23.6	42.3	39.9 (34.9-45.1)
MARLBOROUGH	180	100.0	0.0	0.0	0.0	100.0	0.0	0.0	0.0	0.0 NA
MARSHFIELD	300	60.8	14.4	21.6	35.9	66.7	18.4	10.2	28.6	32.3 (27.1-38.0)
MARTHA'S VINEYARD CS	16	*	*	*	*	*	*	*	*	* NA
MASCONOMET	273	67.7	18.0	9.0	27.1	77.9	*	*	22.1	24.5 (19.6-30.2)

Table 4. Body Mass Index Screening Results for Children in Grade 7 in Massachusetts School Districts, 2021-2022

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)
MASHPEE	132	51.6	*	*	43.5	58.6	14.3	24.3	38.6	40.9 (32.5-49.8)
MA VIRTUAL ACADEMY	100	93.3	*	*	*	94.5	*	*	*	* NA
GREENFIELD CVD										
MEDFIELD	159	78.5	*	*	17.2	80.3	*	*	19.7	18.2 (12.7-25.3)
MEDFORD	256	49.6	17.5	30.7	48.2	56.3	19.3	21.8	41.2	44.9 (38.8-51.2)
MENDON-UPTON	147	55.8	15.6	19.5	35.1	78.6	*	*	20.0	27.9 (21.0-36.0)
METHUEN	362	48.7	16.0	25.7	41.7	52.0	13.7	21.7	35.4	38.7 (33.7-43.9)
MIDDLEBOROUGH	22	*	*	*	*	*	*	*	*	68.2 (45.1-85.3)
MILFORD	136	50.0	17.1	28.9	46.1	56.7	18.3	25.0	43.3	44.9 (36.4-53.6)
MILLBURY	155	49.4	24.1	26.6	50.6	55.3	19.7	21.1	40.8	45.8 (37.8-54.0)
MILLIS	89	94.2	*	*	*	94.6	0.0	0.0	0.0	* NA
MONOMOY REG	109	73.5	26.5	0.0	26.5	73.3	26.7	0.0	26.7	26.6 (18.8-36.1)
MOUNT GREYLOCK	107	58.3	*	*	37.5	67.8	*	*	32.2	34.6 (25.8-44.5)
MYSTIC VALLEY REG CS	116	78.0	*	*	22.0	87.9	*	*	*	16.4 (10.4-24.7)
NANTUCKET	129	42.6	19.7	32.8	52.5	36.8	23.5	39.7	63.2	58.1 (49.1-66.7)
NARRAGANSETT	103	49.1	22.8	28.1	50.9	60.9	*	*	39.1	45.6 (35.9-55.7)
NASHOBA	249	60.7	18.8	13.7	32.5	68.9	18.2	8.3	26.5	29.3 (23.8-35.5)
NEEDHAM	364	71.6	17.4	10.0	27.4	70.7	17.2	10.3	27.6	27.5 (23.0-32.4)
NEW BEDFORD	801	45.9	16.0	34.2	50.2	45.0	22.4	31.4	53.7	51.9 (48.4-55.4)
NEW HEIGHTS CS OF	107	60.4	*	*	20.8	54.2	*	*	33.9	28.0 (20.0-37.7)
BROCKTON										
NEWBURYPORT	154	79.7	*	*	18.9	71.3	13.8	12.5	26.3	22.7 (16.5-30.3)
NORTH ANDOVER	364	63.7	15.8	19.5	35.3	60.3	16.7	21.3	37.9	36.5 (31.6-41.7)
NORTH ATTLEBOROUGH	82	53.5	*	*	44.2	46.2	*	*	53.8	48.8 (37.7-60.0)
NORTH BROOKFIELD	26	*	*	*	*	*	*	*	70.6	57.7 (37.2-76.0)

Table 4. Body Mass Index Screening Results for Children in Grade 7 in Massachusetts School Districts, 2021-2022

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)
NORTH MIDDLESEX	232	60.5	10.1	22.7	32.8	57.5	21.2	18.6	39.8	36.2 (30.1-42.8)
NORTH READING	162	69.0	14.9	13.8	28.7	80.0	*	*	16.0	22.8 (16.8-30.2)
NORTHAMPTON	201	62.2	15.3	17.1	32.4	76.7	*	*	21.1	27.4 (21.4-34.2)
NORTSHORE EDUCATION CONSORTIUM	12	*	*	*	*	*	0.0	0.0	0.0	* NA
NORTON	59	72.0	*	*	*	70.6	*	*	29.4	27.1 (16.7-40.5)
OLD STURBRIDGE ACADEMY CS	36	*	*	*	47.6	*	*	*	*	52.8 (35.7-69.2)
OXFORD	124	49.3	14.1	33.8	47.9	47.2	26.4	24.5	50.9	49.2 (40.2-58.3)
PALMER	92	42.6	27.7	27.7	55.3	42.2	26.7	31.1	57.8	56.5 (45.8-66.7)
PEABODY	370	51.7	16.7	27.2	43.9	54.7	18.4	25.3	43.7	43.8 (38.7-49.0)
PEMBROKE	179	68.9	*	*	24.5	61.6	*	*	19.2	22.3 (16.6-29.3)
PIONEER CS OF SCIENCE I	58	*	46.2	38.5	84.6	*	*	*	78.1	81.0 (68.2-89.7)
PIONEER CS OF SCIENCE II	75	80.0	*	*	*	77.8	*	*	*	* NA
PIONEER VALLEY	43	*	*	*	*	59.3	*	*	40.7	41.9 (27.4-57.8)
PIONEER VALLEY CHINESE IMMERSION CS	52	64.3	*	*	*	66.7	*	*	*	26.9 (16.0-41.3)
PITTSFIELD	220	59.6	14.7	20.2	34.9	64.9	15.3	16.2	31.5	33.2 (27.1-39.9)
PLYMOUTH	629	62.5	11.5	23.5	35.0	63.1	17.3	18.3	35.6	35.3 (31.6-39.2)
QUINCY	633	54.1	17.4	23.7	41.1	60.0	18.3	19.0	37.3	39.3 (35.5-43.3)
RALPH C MAHAR	86	51.1	*	*	48.9	43.9	24.4	31.7	56.1	52.3 (41.3-63.1)
READING	285	80.3	*	*	13.1	83.8	*	*	11.5	12.3 (8.8-16.8)
RICHMOND	11	*	*	*	*	*	*	*	*	* NA
RIVER VALLEY CS	6	*	*	*	*	*	*	*	*	* NA
ROCKLAND	185	45.5	15.2	30.3	45.5	45.3	14.0	36.0	50.0	47.6 (40.2-55.0)
ROCKPORT	65	54.8	*	*	38.7	50.0	*	*	41.2	40.0 (28.3-52.9)

Table 4. Body Mass Index Screening Results for Children in Grade 7 in Massachusetts School Districts, 2021-2022

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)
SALEM ACADEMY CS	71	54.3	*	*	42.9	50.0	*	*	50.0	46.5 (34.7-58.6)
SHARON	70	68.6	*	*	*	74.3	*	*	*	24.3 (15.2-36.3)
SHREWSBURY	100	73.9	*	*	26.1	87.1	*	*	*	21.0 (13.8-30.5)
SILVER LAKE	234	60.7	14.8	24.6	39.3	60.7	23.2	16.1	39.3	39.3 (33.1-45.9)
SIZER SCHOOL: A NORTH CENTRAL ESSENTIAL CS	41	*	*	*	*	64.0	*	*	*	41.5 (26.7-57.8)
SOMERVILLE	276	46.2	18.6	32.1	50.6	50.8	21.7	27.5	49.2	50.0 (44.0-56.0)
SOUTH HADLEY	124	60.7	*	*	37.5	63.2	16.2	20.6	36.8	37.1 (28.7-46.3)
SOUTH SHORE ED COLLAB	7	*	*	*	*	*	*	*	*	* NA
SOUTHERN BERKSHIRE	42	52.4	*	*	47.6	47.6	*	*	52.4	50.0 (34.4-65.6)
SOUTHWICK-TOLLAND-GRANVILLE REG	110	54.4	*	*	42.1	75.5	*	*	24.5	33.6 (25.1-43.4)
SPRINGFIELD	1,600	40.1	17.2	41.1	58.4	43.2	18.9	36.8	55.7	57.0 (54.5-59.4)
SPRINGFIELD PREPARATORY CS	46	43.3	*	*	56.7	*	*	*	62.5	58.7 (43.3-72.7)
STONEHAM	136	59.2	13.2	21.1	34.2	65.0	*	*	28.3	31.6 (24.1-40.2)
STOUGHTON	244	55.8	14.2	28.3	42.5	57.3	24.2	17.7	41.9	42.2 (36.0-48.7)
SWAMPSCOTT	152	85.3	*	*	*	83.1	*	*	14.3	12.5 (7.9-19.1)
SWANSEA	169	53.3	16.0	28.0	44.0	63.8	16.0	17.0	33.0	37.9 (30.6-45.7)
TANTASQUA (SU 61)	136	52.7	18.9	27.0	45.9	58.1	16.1	24.2	40.3	43.4 (35.0-52.1)
TAUNTON	608	43.7	19.6	34.0	53.6	44.6	25.4	28.6	54.0	53.8 (49.7-57.8)
THE EDUCATION COOPERATIVE (TEC)	3	*	*	*	*	*	*	*	*	0.0 NA
TISBURY	22	*	*	*	*	*	*	*	*	* NA
TYNGSBOROUGH	126	55.6	16.7	25.0	41.7	63.0	*	*	35.2	38.9 (30.5-48.0)
UXBRIDGE	151	76.3	*	*	17.5	74.6	*	*	16.9	17.2 (11.8-24.4)
VERITAS PREPARATORY CS	95	31.0	23.8	42.9	66.7	37.7	*	*	62.3	64.2 (53.7-73.6)

Table 4. Body Mass Index Screening Results for Children in Grade 7 in Massachusetts School Districts, 2021-2022

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)
WACHUSETT	458	65.5	14.1	15.3	29.4	63.5	18.2	13.3	31.5	30.3 (26.2-34.8)
WAKEFIELD	265	73.0	*	*	22.0	71.8	15.3	11.3	26.6	24.2 (19.2-29.8)
WALPOLE	208	68.2	*	*	27.3	66.3	17.3	16.3	33.7	30.3 (24.2-37.1)
WARE	93	50.0	*	*	47.6	29.4	25.5	45.1	70.6	60.2 (49.5-70.1)
WAREHAM	171	48.4	22.1	28.4	50.5	52.6	19.7	25.0	44.7	48.0 (40.3-55.7)
WAYLAND	184	75.5	*	*	22.3	76.7	12.2	11.1	23.3	22.8 (17.1-29.7)
WELLESLEY	316	71.6	16.0	9.9	25.9	76.6	*	*	19.5	22.8 (18.4-27.9)
WEST SPRINGFIELD	210	48.3	22.4	28.4	50.9	52.1	21.3	26.6	47.9	49.5 (42.6-56.5)
WESTBOROUGH	199	66.1	18.8	13.4	32.1	72.4	*	*	26.4	29.6 (23.5-36.6)
WESTFIELD	320	94.7	*	*	*	94.7	*	*	*	3.4 (1.8-6.2)
WESTFORD	309	56.8	15.1	15.1	30.2	74.1	15.3	5.9	21.2	25.2 (20.6-30.5)
WESTON	141	83.1	*	*	*	72.9	*	*	15.7	14.2 (9.1-21.3)
WEYMOUTH	384	46.8	21.4	25.3	46.8	53.9	25.7	18.3	43.9	45.1 (40.0-50.2)
WHITMAN-HANSON	253	59.0	15.7	23.9	39.6	63.9	16.8	17.6	34.5	37.2 (31.2-43.5)
WILMINGTON	138	62.5	18.8	15.0	33.8	62.1	*	*	36.2	34.8 (27.0-43.4)
WINCHENDON	73	35.6	*	*	57.8	*	*	*	75.0	64.4 (52.2-75.0)
WINCHESTER	308	71.7	13.8	12.3	26.1	84.7	*	*	12.4	18.5 (14.4-23.4)
WINTHROP	103	48.3	20.0	30.0	50.0	51.2	*	*	46.5	48.5 (38.7-58.5)
WOBURN	57	51.9	*	*	44.4	63.3	*	*	36.7	40.4 (27.8-54.2)
WORCESTER	1,191	42.2	18.8	35.0	53.8	50.6	20.6	27.9	48.5	51.3 (48.4-54.2)

Notes: Data that did not pass data quality tests were excluded from the analysis. *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 term *Males and Females* includes all students without exception. *Underweight* – BMI for age percentile < 5th percentile; *Healthy weight* – BMI for age percentile between 5th and 85th percentile; *Overweight* – BMI for age percentile between 85th and 95th percentile; *Obese* – BMI for age percentile ≥ 95th percentile.

* Data is suppressed when there are fewer than 10 individuals in a cell. NA: Not Applicable (No students in this subgroup were screened. In the CI column, NA indicates the CI is not available).

Table 5. Body Mass Index Screening Results for Children in Grade 10 in Massachusetts School Districts, 2021-2022

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)
TOTAL	37,183	60.6	15.2	21.4	35.8	64.5	16.2	16.8	33.0	34.4 (33.9-34.9)
ABINGTON	139	64.3	*	*	31.0	56.4	20.0	20.0	40.0	34.5 (26.8-43.1)
ACTON-BOXBOROUGH	199	66.7	15.4	12.8	28.2	84.1	*	*	14.6	22.6 (17.1-29.2)
ADVANCED MATH AND SCIENCE ACADEMY CS	135	66.7	12.8	15.4	28.2	78.9	*	*	19.3	24.4 (17.6-32.7)
AMHERST-PELHAM	184	69.8	12.5	15.6	28.1	73.9	11.4	13.6	25.0	26.6 (20.5-33.7)
ANDOVER	376	70.4	11.8	14.5	26.3	68.4	16.8	11.1	27.9	27.1 (22.8-32.0)
ARLINGTON	222	80.0	*	*	16.0	81.1	*	*	13.1	14.4 (10.2-19.9)
ASHBURNHAM-WESTMINSTER	155	52.2	20.9	25.4	46.3	29.5	*	*	70.5	60.0 (51.8-67.7)
ASHLAND	205	73.1	10.6	10.6	21.2	68.3	18.8	11.9	30.7	25.9 (20.1-32.5)
ASSABET VALLEY REG VOC TECH	173	64.3	*	*	31.6	62.7	*	*	34.7	32.9 (26.1-40.6)
ATHOL-ROYALSTON	81	48.8	*	*	39.0	35.0	*	*	60.0	49.4 (38.2-60.6)
ATTLEBORO	31	55.0	*	*	*	*	*	*	*	48.4 (30.6-66.6)
AVON	43	66.7	*	*	*	*	*	*	*	34.9 (21.5-51.0)
AYER SHIRLEY	80	60.5	*	*	37.2	67.6	*	*	29.7	33.8 (23.8-45.3)
BARNSTABLE	253	65.7	12.7	19.4	32.1	60.5	22.7	16.0	38.7	35.2 (29.4-41.4)
BAYSTATE ACADEMY CS	61	60.5	*	*	39.5	43.5	*	*	56.5	45.9 (33.3-59.1)
BELCHERTOWN	166	65.2	14.5	14.5	29.0	75.3	11.3	11.3	22.7	25.3 (19.0-32.7)
BELLINGHAM	138	55.3	19.7	14.5	34.2	74.2	*	*	24.2	29.7 (22.4-38.2)
BELMONT	118	72.4	*	*	24.1	78.3	*	*	21.7	22.9 (15.9-31.7)
BERKSHIRE ARTS AND TECHNOLOGY CS	36	66.7	*	*	*	71.4	*	*	*	30.6 (16.9-48.3)
BERKSHIRE HILLS	77	71.4	*	*	23.8	77.1	*	*	*	22.1 (13.7-33.2)

Table 5. Body Mass Index Screening Results for Children in Grade 10 in Massachusetts School Districts, 2021-2022

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)
BERLIN BOYLSTON (REG + SU 60)	139	86.8	*	*	*	84.9	*	*	*	9.4 (5.3-15.8)
BEVERLY	260	57.6	16.0	22.9	38.9	69.0	12.1	16.4	28.4	34.2 (28.5-40.4)
BLACKSTONE VALLEY REG VOC TECH	239	69.1	11.0	16.9	27.9	70.9	16.5	9.7	26.2	27.2 (21.8-33.4)
BLACKSTONE-MILLVILLE	79	56.8	*	*	38.6	51.4	*	*	48.6	43.0 (32.1-54.6)
BOSTON	767	60.5	12.8	22.5	35.3	61.3	16.6	18.7	35.3	35.3 (32.0-38.8)
BOSTON COLLEGIATE CS	43	45.5	*	*	50.0	57.1	*	*	*	46.5 (31.5-62.2)
BOSTON PREPARATORY CS	102	53.8	*	*	40.4	62.0	*	*	38.0	39.2 (29.8-49.4)
BOURNE	76	66.7	*	*	*	67.6	*	*	*	23.7 (15.0-35.1)
BRAINTREE	303	61.1	13.2	19.4	32.6	73.6	11.9	11.3	23.3	27.7 (22.8-33.2)
BRIDGEWATER-RAYNHAM	335	55.4	15.4	26.3	41.7	66.9	18.1	13.1	31.3	36.7 (31.6-42.2)
BRISTOL CTY AGR	75	63.2	*	*	*	60.7	*	*	28.6	30.7 (20.8-42.5)
BRISTOL-PLYMOUTH REG VOC TECH	281	60.6	17.7	17.1	34.9	49.1	25.5	25.5	50.9	40.9 (35.2-46.9)
BROCKTON	278	51.0	20.8	26.8	47.7	63.6	19.4	16.3	35.7	42.1 (36.3-48.1)
CANTON	199	67.4	*	*	22.5	62.7	18.2	16.4	34.5	29.1 (23.0-36.1)
CAPE COD COLLAB	9	*	*	*	*	*	*	*	*	* NA
CAPS ED COLLAB	6	*	*	*	*	NA	NA	NA	NA	* NA
CARVER	98	52.5	24.6	21.3	45.9	54.1	*	*	43.2	44.9 (34.9-55.3)
CHELMSFORD	336	70.8	12.9	11.7	24.6	63.0	14.5	13.3	27.9	26.2 (21.6-31.3)
CHICOPEE	481	49.0	13.1	36.7	49.8	56.8	16.2	25.7	41.9	46.2 (41.6-50.7)
CLINTON	108	67.8	*	*	32.2	44.9	26.5	28.6	55.1	42.6 (33.2-52.5)
COHASSET	90	76.1	*	*	23.9	75.0	*	*	*	22.2 (14.4-32.5)
COLLAB FOR ED SERVICES	3	0.0	*	*	*	0.0	0.0	0.0	0.0	* NA

Table 5. Body Mass Index Screening Results for Children in Grade 10 in Massachusetts School Districts, 2021-2022

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)
CONCORD-CARLISLE	325	75.6	12.2	6.7	18.9	81.4	*	*	15.5	17.2 (13.4-21.9)
DANVERS	61	54.1	*	*	43.2	58.3	*	*	*	41.0 (28.8-54.3)
DARTMOUTH	253	51.2	17.3	23.6	40.9	60.3	11.1	16.7	27.8	34.4 (28.6-40.6)
DEDHAM	130	44.8	16.4	38.8	55.2	57.1	*	*	41.3	48.5 (39.7-57.3)
DIGHTON-REHOBOTH	186	49.0	13.0	11.0	24.0	53.5	*	*	22.1	23.1 (17.4-30.0)
DOVER-SHERBORN (REG + SU 50)	173	72.5	*	*	19.8	84.1	*	*	14.6	17.3 (12.2-24.0)
DRACUT	173	58.2	20.9	20.9	41.8	63.4	22.0	13.4	35.4	38.7 (31.5-46.4)
DUXBURY	238	72.0	14.4	8.5	22.9	76.7	*	*	19.2	21.0 (16.1-26.8)
EAST LONGMEADOW	194	50.6	23.5	17.6	41.2	44.0	*	*	52.3	47.4 (40.3-54.7)
EASTHAMPTON	73	61.1	*	*	30.6	51.4	*	*	43.2	37.0 (26.2-49.1)
EASTON	110	60.3	*	*	34.9	61.7	*	*	38.3	36.4 (27.6-46.1)
ESSEX NORTH SHORE AGR AND TECH	243	58.1	22.6	9.7	32.3	63.0	*	*	23.5	28.0 (22.5-34.2)
EVERETT	48	50.0	*	*	42.3	59.1	*	*	*	33.3 (20.8-48.5)
EXCEL ACADEMY CS	143	44.3	20.0	35.7	55.7	46.6	20.5	32.9	53.4	54.5 (46.0-62.8)
FAIRHAVEN	140	56.3	16.9	25.4	42.3	52.2	14.5	29.0	43.5	42.9 (34.6-51.5)
FALL RIVER	537	50.2	14.0	32.8	46.8	45.6	19.1	34.6	53.7	50.3 (46.0-54.6)
FALMOUTH	119	73.0	*	*	27.0	57.1	*	*	37.5	31.9 (23.9-41.2)
FITCHBURG	357	48.8	16.3	32.0	48.3	43.8	20.0	35.1	55.1	51.8 (46.5-57.1)
FOXBOROUGH	130	77.0	*	*	20.3	82.1	*	*	*	17.7 (11.8-25.6)
FOXBOROUGH REG CS	97	50.0	*	*	50.0	40.4	24.6	31.6	56.1	53.6 (43.2-63.7)
FRAMINGHAM	69	60.7	*	*	*	56.1	*	*	41.5	37.7 (26.5-50.2)
FRANCIS W. PARKER CHARTER ESSENTIAL	52	73.3	*	*	*	77.3	*	*	*	21.2 (11.5-35.1)

Table 5. Body Mass Index Screening Results for Children in Grade 10 in Massachusetts School Districts, 2021-2022

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)
FREETOWN-LAKEVILLE	157	68.5	*	*	27.4	71.4	*	*	23.8	25.5 (19.0-33.2)
FRONTIER (REG + SU 38)	93	69.2	*	*	26.9	51.2	*	*	43.9	34.4 (25.1-45.1)
GARDNER	122	55.7	*	*	42.9	65.4	*	*	32.7	38.5 (30.0-47.8)
GATEWAY	47	57.7	*	*	42.3	71.4	*	*	*	36.2 (23.1-51.5)
GILL-MONTAGUE	47	50.0	*	*	50.0	56.0	*	*	40.0	44.7 (30.5-59.8)
GLOUCESTER	223	64.4	16.1	15.3	31.4	61.9	15.2	21.0	36.2	33.6 (27.5-40.3)
GRANBY	45	46.2	*	*	50.0	68.4	*	*	*	37.8 (24.2-53.5)
GREATER LAWRENCE REG VOC TECH	392	52.9	11.0	32.6	43.6	53.6	17.7	27.7	45.5	44.6 (39.7-49.7)
GREATER NEW BEDFORD REG VOC TECH	958	49.3	11.2	27.3	38.5	48.2	16.5	23.4	40.0	39.1 (36.1-42.3)
GREENFIELD	64	67.7	*	*	32.3	51.5	*	*	45.5	39.1 (27.4-52.1)
GROTON-DUNSTABLE	124	66.2	*	*	33.8	71.2	*	*	28.8	31.5 (23.6-40.5)
HADLEY	37	70.8	*	*	*	*	*	*	*	35.1 (20.7-52.6)
HAMILTON-WENHAM	116	80.4	*	*	*	78.5	*	*	21.5	19.8 (13.2-28.5)
HAMPDEN-WILBRAHAM	120	60.0	16.7	20.0	36.7	70.0	*	*	28.3	32.5 (24.4-41.7)
HAMPSHIRE	90	78.7	*	*	21.3	83.7	*	*	*	17.8 (10.8-27.6)
HATFIELD	12	*	*	*	*	*	0.0	0.0	0.0	* NA
HINGHAM	241	79.7	10.1	9.4	19.6	80.6	*	*	16.5	18.3 (13.7-23.8)
HOLLISTON	162	69.1	*	*	27.2	76.5	*	*	21.0	24.1 (17.9-31.5)
HOLYOKE	225	58.6	18.0	15.3	33.3	62.3	19.3	13.2	32.5	32.9 (26.9-39.5)
HOPKINTON	222	71.7	15.0	9.7	24.8	84.4	*	*	14.7	19.8 (14.9-25.8)
HULL	50	61.5	*	*	*	75.0	*	*	*	20.0 (10.5-34.1)
INNOVATION ACADEMY CS	19	*	*	*	*	*	*	*	*	* NA

Table 5. Body Mass Index Screening Results for Children in Grade 10 in Massachusetts School Districts, 2021-2022

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)
KING PHILIP	292	68.9	19.6	8.8	28.4	81.3	*	*	16.0	22.3 (17.7-27.6)
LABBB COLLAB	28	88.9	*	*	*	100.0	0.0	0.0	0.0	* NA
LAWRENCE	719	28.3	12.8	55.2	68.1	32.0	11.9	53.7	65.6	66.9 (63.3-70.3)
LEICESTER	63	56.4	*	*	43.6	54.2	*	*	45.8	44.4 (32.1-57.4)
LENOX	63	67.6	*	*	29.7	65.4	*	*	*	31.7 (20.9-44.8)
LEOMINSTER	431	54.3	14.2	29.3	43.5	65.8	13.6	19.1	32.7	38.5 (33.9-43.3)
LEXINGTON	476	75.1	12.0	6.2	18.2	75.7	*	*	18.7	18.5 (15.2-22.3)
LITTLETON	101	73.9	*	*	*	81.8	*	*	*	14.9 (8.8-23.6)
LONGMEADOW	174	69.1	*	*	28.4	71.0	*	*	25.8	27.0 (20.7-34.4)
LOWELL	253	57.2	15.8	21.7	37.5	70.3	11.9	14.9	26.7	33.2 (27.5-39.4)
LOWELL COLLEGIATE CS	25	*	*	*	*	*	*	*	*	40.0 (21.8-61.1)
LUDLOW	188	61.3	16.1	21.5	37.6	64.2	20.0	14.7	34.7	36.2 (29.4-43.5)
LUNENBURG	97	56.9	*	*	41.2	65.2	*	*	26.1	34.0 (24.9-44.4)
LYNN	956	46.8	19.2	31.0	50.2	52.7	21.6	24.4	46.0	48.2 (45.0-51.4)
LYNNFIELD	84	76.1	*	*	21.7	73.7	*	*	*	21.4 (13.5-32.0)
MALDEN	280	56.5	15.2	23.2	38.4	65.5	12.7	19.0	31.7	35.0 (29.5-40.9)
MARBLEHEAD	91	65.9	*	*	22.7	61.7	*	*	29.8	26.4 (17.9-36.8)
MARLBOROUGH	27	100.0	0.0	0.0	0.0	100.0	0.0	0.0	0.0	0.0 NA
MARSHFIELD	218	71.7	11.5	12.4	23.9	79.0	*	*	19.0	21.6 (16.4-27.7)
MARTHA'S VINEYARD CS	7	NA	NA	NA	NA	*	*	*	*	* NA
MASCONOMET	230	73.8	11.2	14.0	25.2	82.9	8.9	8.1	17.1	20.9 (15.9-26.8)
MASHPEE	103	52.5	*	*	45.9	69.0	*	*	31.0	39.8 (30.4-49.9)

Table 5. Body Mass Index Screening Results for Children in Grade 10 in Massachusetts School Districts, 2021-2022

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)	
MA VIRTUAL ACADEMY	157	95.6	*	*	*	96.6	*	*	*	*	NA
GREENFIELD CVD											
MEDFIELD	138	71.1	*	*	27.7	83.6	*	*	*	21.7 (15.4-29.7)	
MEDFORD	256	60.1	13.5	23.6	37.2	75.9	13.0	9.3	22.2	30.9 (25.3-37.0)	
MELROSE	172	71.4	*	*	26.2	78.4	*	*	21.6	23.8 (17.8-31.0)	
MENDON-UPTON	150	71.6	*	*	24.3	78.9	*	*	21.1	22.7 (16.4-30.4)	
METHUEN	399	62.4	14.2	16.8	31.0	51.0	11.9	23.8	35.6	33.3 (28.8-38.2)	
MILFORD	111	62.7	*	*	31.3	54.5	22.7	22.7	45.5	36.9 (28.1-46.7)	
MILLBURY	124	53.0	*	*	45.5	58.6	20.7	19.0	39.7	42.7 (34.0-51.9)	
MILLIS	92	91.1	*	*	*	91.5	*	*	*	*	NA
MINUTEMAN REG VOC TECH	163	73.0	11.0	13.0	24.0	61.9	*	*	31.7	27.0 (20.5-34.6)	
MONOMOY REG	84	68.2	*	*	29.5	55.0	*	*	45.0	36.9 (26.8-48.2)	
MOUNT GREYLOCK	91	68.4	*	*	28.9	67.9	*	*	32.1	30.8 (21.7-41.4)	
MYSTIC VALLEY REG CS	93	84.4	*	*	*	93.8	*	*	*	10.8 (5.6-19.3)	
NANTUCKET	100	62.0	*	*	34.0	52.0	*	*	28.0	31.0 (22.3-41.1)	
NARRAGANSETT	62	62.9	*	*	34.3	63.0	*	*	*	33.9 (22.6-47.1)	
NASHOBA	147	68.5	*	*	24.1	77.4	*	*	20.4	21.8 (15.6-29.5)	
NAUSET (SU 54)	202	93.7	*	*	*	90.7	*	*	9.3	7.9 (4.7-12.8)	
NEEDHAM	168	74.4	*	*	21.1	73.1	*	*	23.1	22.0 (16.2-29.2)	
NEIGHBORHOOD HOUSE CS	78	36.6	*	*	34.1	37.8	*	*	40.5	37.2 (26.7-48.9)	
NEW BEDFORD	380	44.2	13.6	38.8	52.4	47.1	19.0	29.9	48.9	50.8 (45.6-55.9)	
NEW HEIGHTS CS OF BROCKTON	114	40.7	*	*	33.9	45.5	*	*	32.7	33.3 (25.0-42.9)	
NEWBURYPORT	191	80.4	*	*	18.5	89.9	10.1	0.0	10.1	14.1 (9.7-20.1)	

Table 5. Body Mass Index Screening Results for Children in Grade 10 in Massachusetts School Districts, 2021-2022

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)
NORTH ANDOVER	314	68.0	8.9	19.5	28.4	70.3	15.9	11.7	27.6	28.0 (23.2-33.4)
NORTH ATTLEBOROUGH	253	53.4	19.5	23.3	42.9	60.0	13.3	22.5	35.8	39.5 (33.5-45.9)
NORTH BROOKFIELD	27	*	*	*	*	71.4	*	*	*	* NA
NORTH MIDDLESEX	168	63.5	13.5	19.8	33.3	75.0	*	*	25.0	29.8 (23.1-37.4)
NORTH READING	113	68.8	*	*	27.1	80.0	*	*	18.5	22.1 (15.1-31.1)
NORTHAMPTON	156	73.8	*	*	23.8	80.6	*	*	18.1	21.2 (15.2-28.6)
NORTHEAST METROPOLITAN REG VOC TECH	302	48.8	11.6	34.3	45.9	50.8	17.7	30.0	47.7	46.7 (41.0-52.5)
NORTHERN BERKSHIRE REG VOC TECH	155	37.5	42.3	17.3	59.6	74.5	*	*	25.5	48.4 (40.3-56.5)
NORTHSHORE EDUCATION CONSORTIUM	15	*	*	*	*	*	*	*	*	* NA
OXFORD	78	59.5	*	*	32.4	61.0	*	*	36.6	34.6 (24.4-46.3)
PALMER	60	65.5	*	*	34.5	48.4	*	*	41.9	38.3 (26.4-51.8)
PATHFINDER REG VOC TECH	125	47.1	23.5	26.5	50.0	54.4	19.3	24.6	43.9	47.2 (38.3-56.3)
PEABODY	296	54.5	19.5	24.0	43.5	53.5	25.4	21.1	46.5	44.9 (39.2-50.8)
PEMBROKE	92	64.0	*	*	36.0	71.4	*	*	28.6	32.6 (23.4-43.3)
PHOENIX ACADEMY CHS CHELSEA	10	*	*	*	*	*	*	*	*	* NA
PIONEER CS OF SCIENCE II	56	81.3	*	*	*	75.0	*	*	*	17.9 (9.3-30.8)
PIONEER VALLEY	33	52.6	*	*	*	78.6	*	*	*	33.3 (18.6-51.9)
PIONEER VALLEY CHINESE IMMERSION CS	20	*	0.0	0.0	0.0	84.6	*	*	*	* NA
PITTSFIELD	328	56.3	13.2	28.1	41.3	55.9	18.6	23.0	41.6	41.5 (36.1-47.0)
PLYMOUTH	624	64.3	*	*	30.5	71.2	14.7	13.0	27.8	29.2 (25.7-32.9)
QUINCY	656	62.9	17.1	16.2	33.2	70.6	14.9	12.0	26.9	30.2 (26.7-33.9)
RALPH C MAHAR	55	69.7	*	*	30.3	54.5	*	*	45.5	36.4 (24.1-50.5)

Table 5. Body Mass Index Screening Results for Children in Grade 10 in Massachusetts School Districts, 2021-2022

School District	Total number of students screened	Males				Females				Males and Females
		Healthy Weight	Over-weight	Obese	Overweight or Obese	Healthy Weight	Over-weight	Obese	Overweight or Obese	Overweight or Obese
	(N)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%, CI)
ROCKPORT	66	68.1	*	*	29.8	68.4	*	*	*	30.3 (19.9-43.0)
SALEM ACADEMY CS	64	79.4	*	*	*	76.7	*	*	*	18.8 (10.5-30.8)
SHARON	211	60.7	19.7	12.0	31.6	69.1	*	*	25.5	28.9 (23.0-35.6)
SHAWSHEEN VALLEY REG VOC TECH	330	52.8	19.6	25.7	45.3	48.3	19.0	31.9	50.9	47.3 (41.8-52.8)
SHREWSBURY	406	62.7	20.1	13.2	33.3	72.3	12.9	13.9	26.7	30.0 (25.7-34.8)
SIZER SCHOOL: A NORTH CENTRAL ESSENTIAL CS	26	*	*	*	*	*	*	*	*	42.3 (24.0-62.8)
SOMERSET BERKLEY REG	214	54.8	19.2	21.2	40.4	68.2	14.5	14.5	29.1	34.6 (28.3-41.4)
SOMERVILLE	153	46.7	20.7	29.3	50.0	59.0	19.7	19.7	39.3	45.8 (37.7-54.0)
SOUTH HADLEY	128	69.1	*	*	26.5	75.0	*	*	25.0	25.8 (18.6-34.4)
SOUTH MIDDLESEX REG VOC TECH	210	53.6	19.1	23.6	42.7	51.0	28.0	21.0	49.0	45.7 (38.9-52.7)
SOUTH SHORE ED COLLAB	22	*	*	*	*	*	*	*	*	59.1 (36.7-78.5)
SOUTHERN BERKSHIRE	26	*	*	*	*	66.7	*	*	*	* NA
SOUTHERN WORCESTER CTY REG VOC TECH	268	57.2	15.7	24.5	40.3	56.0	19.3	23.9	43.1	41.4 (35.5-47.6)
SOUTHWICK-TOLLAND- GRANVILLE REG	88	77.8	*	*	*	69.8	*	*	30.2	25.0 (16.6-35.6)
SPRINGFIELD	1,351	36.6	17.7	43.1	60.8	47.9	21.5	29.3	50.8	55.6 (52.9-58.3)
STONEHAM	147	57.7	16.9	23.9	40.8	73.7	*	*	23.7	32.0 (24.7-40.2)
STOUGHTON	279	59.6	13.9	22.9	36.7	58.4	20.4	16.8	37.2	36.9 (31.3-42.9)
STURGIS CS	177	62.7	*	*	34.3	66.4	15.5	17.3	32.7	33.3 (26.5-40.9)
SWAMPSCOTT	142	83.3	*	*	*	82.9	*	*	14.3	13.4 (8.5-20.4)
SWANSEA	158	67.1	*	*	30.5	63.2	19.7	17.1	36.8	33.5 (26.4-41.5)
TANTASQUA (SU 61)	271	62.7	13.7	19.6	33.3	67.8	16.1	15.3	31.4	32.5 (27.0-38.4)
TAUNTON	521	52.8	14.2	28.8	43.1	53.9	21.3	23.6	44.9	44.0 (39.7-48.3)

Table 5. Body Mass Index Screening Results for Children in Grade 10 in Massachusetts School Districts, 2021-2022

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)
TEWKSBURY	120	75.8	*	*	17.7	74.1	*	*	24.1	20.8 (14.2-29.4)
THE EDUCATION COOPERATIVE (TEC)	11	*	0.0	0.0	0.0	*	*	*	*	* NA
TYNGSBOROUGH	89	69.8	*	*	27.9	65.2	*	*	32.6	30.3 (21.3-41.1)
UP-ISLAND REG	47	70.0	*	*	*	66.7	*	*	*	27.7 (16.1-42.9)
UXBRIDGE	115	83.8	*	*	16.2	74.5	*	*	25.5	20.0 (13.3-28.7)
WACHUSETT	489	65.1	13.9	15.8	29.7	76.8	11.1	11.4	22.5	25.6 (21.8-29.7)
WAKEFIELD	149	54.1	28.4	16.2	44.6	77.3	*	*	22.7	33.6 (26.2-41.8)
WALPOLE	167	64.1	16.3	15.2	31.5	84.0	*	*	14.7	24.0 (17.8-31.3)
WARE	73	47.1	*	*	44.1	56.4	*	*	41.0	42.5 (31.2-54.6)
WAREHAM	107	50.0	*	*	48.1	56.4	20.0	21.8	41.8	44.9 (35.3-54.8)
WAYLAND	199	89.5	10.5	0.0	10.5	93.3	*	*	*	8.5 (5.2-13.5)
WELLESLEY	350	91.9	*	*	5.8	93.8	*	*	*	5.1 (3.2-8.2)
WEST SPRINGFIELD	288	59.0	13.9	25.0	38.9	62.5	17.4	18.8	36.1	37.5 (31.9-43.4)
WESTBOROUGH	293	70.3	13.8	13.0	26.8	76.8	14.8	7.1	21.9	24.2 (19.5-29.6)
WESTFIELD	151	53.8	*	*	42.3	71.2	*	*	28.8	35.8 (28.2-44.0)
WESTFORD	293	72.8	12.2	9.5	21.8	78.8	*	*	15.8	18.8 (14.6-23.8)
WESTON	157	95.2	*	*	*	95.9	*	*	*	* NA
WEYMOUTH	226	57.3	12.7	27.3	40.0	64.7	21.6	11.2	32.8	36.3 (30.1-43.0)
WHITMAN-HANSON	185	71.9	*	*	22.9	69.7	*	*	24.7	23.8 (18.0-30.7)
WHITTIER REG VOC TECH	303	53.3	15.8	29.7	45.5	60.9	14.5	23.2	37.7	41.9 (36.3-47.7)
WILMINGTON	166	67.1	*	*	29.4	69.1	12.3	17.3	29.6	29.5 (22.8-37.2)
WINCHENDON	62	35.3	*	*	61.8	64.3	*	*	35.7	50.0 (37.2-62.8)

Table 5. Body Mass Index Screening Results for Children in Grade 10 in Massachusetts School Districts, 2021-2022

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)
WINCHESTER	158	79.8	*	*	16.7	86.5	*	*	*	14.6 (9.6-21.3)
WINTHROP	107	47.4	22.8	26.3	49.1	72.0	*	*	28.0	39.3 (30.1-49.2)
WOBURN	275	62.0	10.9	22.6	33.6	64.5	19.6	13.8	33.3	33.5 (28.0-39.4)
WORCESTER	1,488	48.9	16.8	31.3	48.2	48.2	21.0	29.0	50.0	49.1 (46.5-51.6)

Notes: Data that did not pass data quality tests were excluded from the analysis. For more information, please reference page 81 in 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 term *Males and Females* includes all students without exception. *Underweight* – BMI for age percentile < 5th percentile; *Healthy weight* – BMI for age percentile between 5th and 85th percentile; *Overweight* – BMI for age percentile between 85th and 95th percentile; *Obese* – BMI for age percentile ≥ 95th percentile.

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

Table 6. Underweight Children in Grades 1, 4, 7, 10 in Massachusetts School Districts, 2021-2022

School District	Total number of students screened (N)	Percent Underweight		
		Males (%)	Females (%)	Males and Females (%, CI)
TOTAL	159,433	3.5	3.2	3.4 (3.3-3.4)
ABINGTON	615	4.8	6.3	5.5 (3.9-7.7)
ACTON-BOXBOROUGH	1,126	4.6	3.5	4.1 (3.0-5.5)
ADVANCED MATH AND SCIENCE ACADEMY CS	277	*	*	3.6 (1.8-6.7)
ALMA DEL MAR CS	334	13.2	9.0	11.1 (8.0-15.1)
AMESBURY	383	*	*	2.6 (1.3-4.9)
AMHERST-PELHAM	669	*	*	2.1 (1.2-3.6)
ANDOVER	1,555	3.3	3.7	3.5 (2.6-4.5)
ARLINGTON	858	6.0	4.9	5.5 (4.1-7.3)
ASHBURNHAM-WESTMINSTER	913	3.1	*	2.2 (1.4-3.4)
ASHLAND	872	3.5	*	2.6 (1.7-4.0)
ASSABET VALLEY REG VOC TECH	173	*	*	* NA
ATHOL-ROYALSTON	419	*	*	4.1 (2.5-6.5)
ATTLEBORO	503	*	*	2.6 (1.4-4.5)
AVON	188	*	*	* NA
AYER SHIRLEY	80	*	*	* NA
BARNSTABLE	1,328	2.3	*	1.8 (1.2-2.7)
BAYSTATE ACADEMY CS	122	0.0	*	* NA
BELCHERTOWN	628	*	*	2.5 (1.5-4.2)

Table 6. Underweight Children in Grades 1, 4, 7, 10 in Massachusetts School Districts, 2021-2022

School District	Total number of students screened (N)	Percent Underweight		
		Males	Females	Males and Females
		(%)	(%)	(%, CI)
BELLINGHAM	557	10.0	3.7	7.0 (5.1-9.5)
BELMONT	627	5.5	*	4.1 (2.8-6.1)
BERKLEY	240	*	*	* NA
BERKSHIRE ARTS AND TECHNOLOGY CS	107	0.0	0.0	0.0 NA
BERKSHIRE HILLS	191	*	*	* NA
BERLIN BOYLSTON (REG + SU 60)	640	3.6	3.0	3.3 (2.1-5.1)
BEVERLY	1,169	3.7	2.6	3.2 (2.3-4.4)
BLACKSTONE VALLEY REG VOC TECH	239	*	*	* NA
BLACKSTONE-MILLVILLE	409	5.0	*	4.6 (2.9-7.3)
BOSTON	3,897	2.8	3.0	2.9 (2.4-3.5)
BOSTON COLLEGIATE CS	73	*	*	* NA
BOSTON PREPARATORY CS	193	*	0.0	* NA
BOURNE	295	*	*	* NA
BRAINTREE	1,416	5.8	4.3	5.1 (4.0-6.4)
BRIDGE BOSTON CS	92	0.0	*	* NA
BRIDGEWATER-RAYNHAM	1,637	2.6	2.7	2.6 (1.9-3.6)
BRISTOL CTY AGR	75	0.0	*	* NA
BRISTOL-PLYMOUTH REG VOC TECH	281	*	0.0	* NA
BROCKTON	3,186	2.2	1.7	2.0 (1.5-2.5)
BROOKE CS MATTAPAN	183	0.0	0.0	0.0 NA

Table 6. Underweight Children in Grades 1, 4, 7, 10 in Massachusetts School Districts, 2021-2022

School District	Total number of students screened (N)	Percent Underweight		
		Males	Females	Males and Females
		(%)	(%)	(%, CI)
BROOKLINE	1,288	3.5	4.2	3.9 (2.9-5.1)
BURLINGTON	2	0.0	0.0	0.0 NA
CANTON	908	4.3	2.4	3.3 (2.3-4.7)
CAPE COD COLLAB	42	0.0	0.0	0.0 NA
CAPE COD LIGHTHOUSE CS	82	*	*	* NA
CAPS ED COLLAB	26	*	0.0	* NA
CARVER	417	*	*	3.1 (1.7-5.4)
CENTRAL BERKSHIRE	110	*	*	* NA
CHELMSFORD	1,454	3.1	6.1	4.5 (3.6-5.8)
CHICOPEE	2,023	2.9	2.8	2.9 (2.2-3.7)
CLINTON	493	*	*	* NA
COHASSET	390	*	*	2.6 (1.3-4.8)
COLLAB FOR ED SERVICES	3	0.0	*	* NA
CONCORD-CARLISLE	956	5.1	5.2	5.1 (3.9-6.8)
DANVERS	769	3.5	3.5	3.5 (2.4-5.1)
DARTMOUTH	1,015	9.6	10.1	9.9 (8.1-11.9)
DEDHAM	488	*	*	2.7 (1.5-4.6)
DENNIS-YARMOUTH	605	*	*	1.8 (1.0-3.3)
DIGHTON-REHOBOTH	764	3.3	4.1	3.7 (2.5-5.3)
DOUGLAS	86	*	0.0	* NA

Table 6. Underweight Children in Grades 1, 4, 7, 10 in Massachusetts School Districts, 2021-2022

School District	Total number of students screened (N)	Percent Underweight		
		Males	Females	Males and Females
		(%)	(%)	(%, CI)
DOVER-SHERBORN (REG + SU 50)	595	3.6	3.5	3.5 (2.3-5.4)
DRACUT	1,038	5.3	2.7	3.9 (2.9-5.4)
DUXBURY	480	*	*	3.8 (2.3-6.0)
EAST LONGMEADOW	722	4.6	*	3.5 (2.3-5.1)
EASTHAMPTON	359	*	*	3.1 (1.6-5.6)
EASTON	300	*	*	* NA
EDGARTOWN	136	*	0.0	* NA
ERVING (SU 28)	122	*	*	* NA
ESSEX NORTH SHORE AGR AND TECH	243	9.7	13.4	11.5 (7.9-16.4)
EVERETT	48	*	*	* NA
EXCEL ACADEMY CS	262	0.0	0.0	0.0 NA
FAIRHAVEN	535	*	3.8	3.2 (1.9-5.1)
FALL RIVER	2,965	3.0	3.1	3.0 (2.5-3.7)
FALMOUTH	833	*	6.0	3.8 (2.7-5.4)
FITCHBURG	1,310	3.6	3.1	3.4 (2.5-4.5)
FLORIDA	28	0.0	*	* NA
FOXBOROUGH	571	*	*	2.3 (1.3-4.0)
FOXBOROUGH REG CS	508	*	6.1	4.9 (3.3-7.3)
FRAMINGHAM	1,355	4.3	3.0	3.6 (2.7-4.8)
FRANCIS W. PARKER CHARTER ESSENTIAL	116	*	*	* NA

Table 6. Underweight Children in Grades 1, 4, 7, 10 in Massachusetts School Districts, 2021-2022

School District	Total number of students screened (N)	Percent Underweight		
		Males	Females	Males and Females
		(%)	(%)	(%, CI)
FREETOWN-LAKEVILLE	672	3.0	3.5	3.3 (2.1-5.0)
FRONTIER (REG + SU 38)	342	*	*	3.8 (2.1-6.6)
GARDNER	589	*	*	1.7 (0.9-3.2)
GATEWAY	215	*	*	* NA
GILL-MONTAGUE	225	*	*	* NA
GLOUCESTER	851	*	3.1	2.5 (1.6-3.8)
GRANBY	158	*	*	* NA
GREATER LAWRENCE REG VOC TECH	392	*	*	* NA
GREENFIELD	327	*	*	* NA
GROTON-DUNSTABLE	584	*	*	* NA
HADLEY	132	*	0.0	* NA
HALIFAX	135	*	*	* NA
HAMILTON-WENHAM	507	*	*	* NA
HAMPDEN-WILBRAHAM	675	*	*	1.9 (1.1-3.4)
HAMPSHIRE	394	*	*	* NA
HATFIELD	61	*	*	* NA
HAVERHILL	1,620	1.9	1.3	1.6 (1.1-2.4)
HILLTOWN COOPERATIVE CS	74	*	0.0	* NA
HINGHAM	985	3.8	6.9	5.3 (4.0-6.9)
HOLLISTON	615	7.0	4.3	5.7 (4.1-7.9)

Table 6. Underweight Children in Grades 1, 4, 7, 10 in Massachusetts School Districts, 2021-2022

School District	Total number of students screened (N)	Percent Underweight		
		Males	Females	Males and Females
		(%)	(%)	(%, CI)
HOLYOKE	1,184	4.2	3.7	4.0 (3.0-5.3)
HOOSAC VALLEY REG	222	*	*	* NA
HOPKINTON	1,019	5.3	4.2	4.8 (3.6-6.4)
HUDSON	211	*	*	* NA
HULL	213	*	*	4.7 (2.4-8.7)
INNOVATION ACADEMY CS	46	0.0	0.0	0.0 NA
KING PHILIP	582	*	*	2.2 (1.2-3.9)
KINGSTON	294	*	*	* NA
KIPP ACADEMY BOSTON CS	159	*	*	* NA
KIPP ACADEMY LYNN CS	346	*	*	* NA
LABBB COLLAB	55	0.0	0.0	0.0 NA
LAWRENCE	3,736	3.5	3.4	3.5 (2.9-4.1)
LEICESTER	326	*	*	3.4 (1.8-6.1)
LENOX	217	*	0.0	* NA
LEOMINSTER	1,662	1.7	1.2	1.4 (0.9-2.2)
LEXINGTON	1,855	4.2	4.0	4.1 (3.3-5.1)
LINCOLN-SUDBURY	808	2.5	*	2.4 (1.5-3.7)
LITTLETON	451	4.6	*	4.2 (2.6-6.6)
LONGMEADOW	734	4.5	3.7	4.1 (2.8-5.9)
LOWELL	3,507	3.2	3.0	3.1 (2.5-3.7)

Table 6. Underweight Children in Grades 1, 4, 7, 10 in Massachusetts School Districts, 2021-2022

School District	Total number of students screened (N)	Percent Underweight		
		Males	Females	Males and Females
		(%)	(%)	(%, CI)
LOWELL COLLEGIATE CS	242	*	*	* NA
LUDLOW	657	5.5	3.3	4.4 (3.0-6.4)
LUNENBURG	420	*	*	3.6 (2.1-6.0)
LYNN	4,136	2.3	1.9	2.1 (1.7-2.6)
LYNNFIELD	401	*	6.5	4.0 (2.4-6.5)
MALDEN	1,342	11.7	12.4	12.1 (10.4-14.0)
MANCHESTER ESSEX REG	137	*	*	* NA
MARBLEHEAD	328	*	6.3	5.8 (3.6-9.0)
MARLBOROUGH	207	0.0	0.0	0.0 NA
MARSHFIELD	1,034	2.6	2.8	2.7 (1.8-3.9)
MARTHA'S VINEYARD CS	49	*	*	* NA
MASCONOMET	503	*	0.0	* NA
MASHPEE	441	*	*	3.2 (1.8-5.4)
MA VIRTUAL ACADEMY GREENFIELD CVD	373	*	*	* NA
MEDFIELD	670	2.9	*	2.7 (1.6-4.3)
MEDFORD	1,088	3.0	2.3	2.7 (1.8-3.9)
MELROSE	746	*	*	* NA
MENDON-UPTON	605	4.2	*	3.3 (2.1-5.1)
METHUEN	1,580	14.2	16.0	15.1 (13.4-17.0)
MIDDLEBOROUGH	120	*	*	* NA

Table 6. Underweight Children in Grades 1, 4, 7, 10 in Massachusetts School Districts, 2021-2022

School District	Total number of students screened (N)	Percent Underweight		
		Males	Females	Males and Females
		(%)	(%)	(%, CI)
MILFORD	853	2.9	*	2.6 (1.7-3.9)
MILLBURY	471	*	*	2.8 (1.5-4.8)
MILLIS	361	*	*	* NA
MINUTEMAN REG VOC TECH	163	*	*	* NA
MONOMOY REG	447	*	*	* NA
MOUNT GREYLOCK	198	*	0.0	* NA
MYSTIC VALLEY REG CS	510	4.4	*	3.7 (2.3-5.9)
NAHANT	34	*	*	* NA
NANTUCKET	343	*	7.7	5.5 (3.5-8.7)
NARRAGANSETT	338	*	*	* NA
NASHOBA	851	5.1	3.6	4.3 (3.1-6.0)
NAUSET (SU 54)	249	0.0	0.0	0.0 NA
NEEDHAM	1,100	5.3	5.3	5.3 (4.1-6.8)
NEIGHBORHOOD HOUSE CS	78	29.3	*	25.6 (16.7-37.0)
NEW BEDFORD	2,920	2.5	1.6	2.1 (1.6-2.7)
NEW HEIGHTS CS OF BROCKTON	188	*	*	9.6 (5.9-14.9)
NEWBURYPORT	594	3.9	6.1	5.1 (3.5-7.2)
NEWTON	41	*	*	* NA
NORFOLK	116	*	*	* NA
NORTH ANDOVER	1,236	4.2	2.9	3.6 (2.6-4.8)

Table 6. Underweight Children in Grades 1, 4, 7, 10 in Massachusetts School Districts, 2021-2022

School District	Total number of students screened (N)	Percent Underweight		
		Males	Females	Males and Females
		(%)	(%)	(%, CI)
NORTH ATTLEBOROUGH	906	2.2	3.4	2.8 (1.8-4.1)
NORTH BROOKFIELD	122	*	*	* NA
NORTH MIDDLESEX	904	4.7	2.3	3.5 (2.5-5.0)
NORTH READING	623	*	6.0	4.0 (2.7-6.0)
NORTHAMPTON	679	4.4	*	2.9 (1.9-4.6)
NORTHEAST METROPOLITAN REG VOC TECH	302	*	*	3.6 (1.9-6.6)
NORTHERN BERKSHIRE REG VOC TECH	125	*	0.0	* NA
NORTHSHORE EDUCATION CONSORTIUM	27	0.0	0.0	0.0 NA
NORTON	84	*	0.0	* NA
OLD ROCHESTER (SU 55)	139	*	*	* NA
OLD STURBRIDGE ACADEMY CS	109	*	0.0	* NA
OXFORD	202	*	*	* NA
PALMER	333	*	*	* NA
PATHFINDER REG VOC TECH	125	*	*	* NA
PEABODY	1,473	2.6	3.0	2.8 (2.0-3.8)
PEMBROKE	540	4.0	7.4	5.6 (3.8-7.9)
PHOENIX ACADEMY CHS CHELSEA	10	0.0	0.0	0.0 NA
PIONEER CS OF SCIENCE I	185	*	*	* NA
PIONEER CS OF SCIENCE II	131	*	*	8.4 (4.5-14.9)
PIONEER VALLEY	179	*	*	* NA

Table 6. Underweight Children in Grades 1, 4, 7, 10 in Massachusetts School Districts, 2021-2022

School District	Total number of students screened (N)	Percent Underweight		
		Males (%)	Females (%)	Males and Females (%, CI)
PIONEER VALLEY CHINESE IMMERSION CS	154	*	*	* NA
PITTSFIELD	1,164	2.2	2.6	2.4 (1.6-3.5)
PLYMOUTH	2,424	3.5	2.2	2.8 (2.2-3.6)
PLYMPTON	54	*	0.0	* NA
QUINCY	1,990	4.2	2.5	3.4 (2.6-4.3)
RALPH C MAHAR	141	0.0	0.0	0.0 NA
READING	733	5.6	4.8	5.2 (3.7-7.1)
RICHMOND	43	*	*	* NA
RIVER VALLEY CS	19	*	*	* NA
ROCKLAND	485	8.6	8.7	8.7 (6.4-11.6)
ROCKPORT	232	*	*	* NA
SALEM ACADEMY CS	135	*	0.0	* NA
SHARON	604	7.6	6.3	7.0 (5.1-9.4)
SHAWSHEEN VALLEY REG VOC TECH	330	*	*	* NA
SHREWSBURY	1,246	3.9	2.2	3.1 (2.3-4.3)
SILVER LAKE	234	0.0	0.0	0.0 NA
SIZER SCHOOL: A NORTH CENTRAL ESSENTIAL CS	67	*	0.0	* NA
SOMERSET BERKLEY REG	214	*	*	* NA
SOMERVILLE	953	3.0	2.9	2.9 (2.0-4.3)
SOUTH HADLEY	472	*	*	* NA

Table 6. Underweight Children in Grades 1, 4, 7, 10 in Massachusetts School Districts, 2021-2022

School District	Total number of students screened (N)	Percent Underweight			
		Males	Females	Males and Females	
		(%)	(%)	(% , CI)	
SOUTH MIDDLESEX REG VOC TECH	210	*	0.0	*	NA
SOUTH SHORE ED COLLAB	41	0.0	0.0	0.0	NA
SOUTHERN BERKSHIRE	152	*	*	*	NA
SOUTHERN WORCESTER CTY REG VOC TECH	268	*	*	*	NA
SOUTHWICK-TOLLAND-GRANVILLE REG	361	*	*	*	NA
SPRINGFIELD	6,072	2.3	1.6	1.9	(1.6-2.3)
SPRINGFIELD PREPARATORY CS	140	0.0	*	*	NA
STONEHAM	618	4.1	3.7	3.9	(2.6-5.8)
STOUGHTON	949	*	2.6	2.1	(1.3-3.3)
STURGIS CS	177	*	*	*	NA
SWAMPSCOTT	542	3.9	3.8	3.9	(2.5-6.0)
SWANSEA	601	5.7	4.0	4.8	(3.3-6.9)
TANTASQUA (SU 61)	851	3.4	*	2.5	(1.6-3.8)
TAUNTON	2,151	2.8	1.6	2.2	(1.7-3.0)
TEWKSBURY	120	*	*	*	NA
THE EDUCATION COOPERATIVE (TEC)	16	0.0	0.0	0.0	NA
TISBURY	97	*	*	*	NA
TYNGSBOROUGH	445	*	*	3.8	(2.3-6.2)
UP-ISLAND REG	126	*	*	*	NA
UXBRIDGE	494	4.5	5.3	4.9	(3.2-7.2)

Table 6. Underweight Children in Grades 1, 4, 7, 10 in Massachusetts School Districts, 2021-2022

School District	Total number of students screened (N)	Percent Underweight		
		Males	Females	Males and Females
		(%)	(%)	(%, CI)
VERITAS PREPARATORY CS	95	*	0.0	* NA
WACHUSETT	1,766	4.8	2.8	3.8 (3.0-4.8)
WAKEFIELD	944	4.0	3.4	3.7 (2.6-5.2)
WALPOLE	958	4.4	2.1	3.2 (2.2-4.6)
WARE	314	*	*	* NA
WAREHAM	605	*	*	* NA
WAYLAND	821	*	*	1.7 (1.0-2.9)
WELLESLEY	1,210	2.9	3.5	3.2 (2.3-4.4)
WEST SPRINGFIELD	1,052	2.0	*	1.5 (0.9-2.5)
WESTBOROUGH	1,069	3.5	3.6	3.6 (2.6-4.9)
WESTFIELD	951	2.6	*	2.2 (1.4-3.4)
WESTFORD	937	8.7	4.9	6.8 (5.3-8.7)
WESTON	547	4.8	7.6	6.2 (4.4-8.7)
WEYMOUTH	1,247	4.6	2.6	3.5 (2.6-4.7)
WHITMAN-HANSON	884	2.7	*	2.5 (1.6-3.8)
WHITTIER REG VOC TECH	303	*	*	* NA
WILMINGTON	405	*	*	* NA
WINCHENDON	135	*	0.0	* NA
WINCHESTER	916	2.8	3.3	3.1 (2.1-4.4)
WINTHROP	470	*	*	2.6 (1.4-4.5)

Table 6. Underweight Children in Grades 1, 4, 7, 10 in Massachusetts School Districts, 2021-2022

School District	Total number of students screened (N)	Percent Underweight		
		Males (%)	Females (%)	Males and Females (%, CI)
WOBURN	934	2.7	2.3	2.5 (1.6-3.7)
WORCESTER	5,179	3.2	1.8	2.5 (2.1-3.0)
WORTHINGTON	21	0.0	0.0	0.0 NA

Notes: Data that did not pass data quality tests were excluded from the analysis. *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 term *Males and Females* includes all students without exception. *Underweight* – BMI for age percentile < 5th percentile; *Healthy weight* – BMI for age percentile between 5th and 85th percentile; *Overweight* – BMI for age percentile between 85th and 95th percentile; *Obese* – BMI for age percentile ≥ 95th percentile.

* Data is suppressed when there are fewer than 10 individuals in a cell. NA: Not Applicable (No students in this subgroup were screened. In the CI column, NA indicates the CI is not available).

Notes

Reporting and interpretation

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

BMI statistics 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.

Exclusions resulting from unresolved data quality issues

Appendix Table 1: Exclusions

Districts Excluded (or Partly Excluded) from Report Listed by Reason for Exclusion	Number of Districts
Data quality problem (Data from all 4 grade levels excluded)	0
Data quality problem (Data from 1 – 3 grade levels excluded)	6
BOURNE	
DEDHAM	
DENNIS-YARMOUTH	
GREATER NEW BEDFORD REG VOC TECH	
MARBLEHEAD	
NANTUCKET	
QUINCY	
ROCKLAND	
SUDBURY	
WESTFORD	
Did not submit data	141
ABBY KELLEY FOSTER CS	
ACADEMY OF THE PACIFIC RIM CS	
ACUSHNET	
ARGOSY COLLEGIATE CS	
ATLANTIS CS	
AUBURN	
BEDFORD	
BENJAMIN BANNEKER CS	
BENJAMIN FRANKLIN CLASSICAL CS	
BERKSHIRE ARTS AND TECHNOLOGY CS	
BILLERICA	
BLUE HILLS REG VOC TECH	
BOSTON DAY AND EVENING ACADEMY CS	
BOSTON GREEN ACADEMY HORACE MANN CS	
BOSTON RENAISSANCE CS	
BREWSTER	
BRIDGE BOSTON CS	
BRIMFIELD	
BROOKFIELD	

CAPE COD REG VOC TECH
CHELSEA
CHESTERFIELD-GOSHEN
CHRISTA MCAULIFFE CS
CITY ON A HILL CS CIRCUIT STREET
CLARKSBURG
CODMAN ACADEMY CS
COLLEGIATE CS OF LOWELL
COMMUNITY CS OF CAMBRIDGE
COMMUNITY DAY CS - GATEWAY
COMMUNITY DAY CS - PROSPECT
COMMUNITY DAY CS - R. KINGMAN WEBSTER
CONSERVATORY LAB CS
DUDLEY STREET NEIGHBORHOOD CS
DUDLEY-CHARLTON REG
EAST BRIDGEWATER
EDWARD M. KENNEDY ACADEMY FOR HEALTH CAREERS (HORACE MANN
FARMINGTON RIVER REG
FOUR RIVERS CS
FRANKLIN
FRANKLIN COUNTY REG VOC TECH
GEORGETOWN
GLOBAL LEARNING CS
GREATER FALL RIVER REG VOC TECH
GREATER LOWELL REG VOC TECH
GREATER NEW BEDFORD REG VOC TECH
HAMPDEN CS OF SCIENCE EAST
HAMPDEN CS OF SCIENCE WEST
HANCOCK
HARVARD
HAWLEMONT
HELEN Y. DAVIS LEADERSHIP ACADEMY CS
HILL VIEW MONTESSORI CS
HOLBROOK
HOLLAND
HOLYOKE COMMUNITY CS
HOPEDALE
IPSWICH
LAWRENCE FAMILY DEVELOPMENT CS
LEARNING FIRST CS
LEE
LEVERETT
LIBERTAS ACADEMY CS
LOWELL COMMUNITY CS
LOWELL MIDDLESEX ACADEMY CS

MA ACADEMY FOR MATH AND SCIENCE
MANCHESTER ESSEX REG
MAP ACADEMY CS
MARBLEHEAD COMMUNITY CS
MARTHA'S VINEYARD
MARTIN LUTHER KING JR. CS OF EXCELLENCE
MATCH CS
MAYNARD
MEDWAY
MILTON
MOHAWK TRAIL
MONSON
MONTACHUSETT REG VOC TECH
NASHOBA VALLEY REG VOC TECH
NATICK
NEW SALEM-WENDELL
NORFOLK COUNTY AGRICULTURAL
NORTH ADAMS
NORTHAMPTON-SMITH VOC AGRICULTURAL
NORWELL
NORWOOD
OLD COLONY REG VOC TECH
ORANGE
ORLEANS
PAULO FREIRE SOCIAL JUSTICE CS
PENTUCKET
PETERSHAM
PIONEER VALLEY PERFORMING ARTS CS
PLAINVILLE
PROSPECT HILL ACADEMY CS
PROVINCETOWN
QUABOAG REG
RANDOLPH
REVERE
RISING TIDE CS
ROWE
ROXBURY PREPARATORY CS
HOLYOKE COMMUNITY CS (FORMERLY SABIS INTERNATIONAL CS)
SALEM
SANDWICH
SAUGUS
SAVOY
SCITUATE
SEEKONK
SHUTESBURY

SOMERSET BERKLEY REG
SOUTH SHORE CS
SOUTH SHORE REG VOC TECH
SOUTHAMPTON
SOUTHBOROUGH
SOUTHBRIDGE
SOUTHEASTERN REG VOC TECH
SPENCER-E BROOKFIELD
SPRINGFIELD PREPARATORY CS
STURBRIDGE
STURGIS CS
SUDBURY
SUNDERLAND
SUTTON
TEC CONNECTIONS ACADEMY CVD
TRI-COUNTY REG VOC TECH
TRITON
UP ACADEMY CS OF BOSTON
UP ACADEMY CS OF DORCHESTER
UPPER CAPE COD REG VOC TECH
WALES
WATERTOWN
WEBSTER
WELLFLEET
WEST BOYLSTON
WEST BRIDGEWATER
WESTHAMPTON
WESTPORT
WESTWOOD
WILLIAMSBURG
WRENTHAM

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 levels 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 a 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 feasible 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**

CARLISLE
CONCORD
LINCOLN
SUDBURY

**Regional district or School Union
containing combined record**

CONCORD-CARLISLE
CONCORD-CARLISLE
LINCOLN-SUDBURY
LINCOLN-SUDBURY

Key

School Unions are comprised of several small districts. The following table lists the School Unions that may be mentioned in the report, and identifies the districts included.

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 MATTAPOISETT ROCHESTER
SHAKER MOUNTAIN (SCHOOL UNION 70)	HANCOCK NEW ASHFORD RICHMOND
SILVER LAKE (SCHOOL UNION 31)	HALIFAX KINGSTON PLYMPTON
TANTASQUA (SCHOOL UNION 61)	BRIMFIELD BROOKFIELD HOLLAND

TRI-TOWN SCHOOL UNION (SCHOOL UNION 58)

STURBRIDGE
WALES
BOXFORD
MIDDLETON
TOPSFIELD

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-Tyringham, 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
MA	MASSACHUSETTS
NA	NOT APPLICABLE
REG	REGIONAL
SPED	SPECIAL EDUCATION
SU	SCHOOL UNION
TECH	TECHNICAL
VOC	VOCATIONAL

References

1. Park MH, Falconer C, Viner RM, Kinra S. The impact of childhood obesity on morbidity and mortality in adulthood: a systematic review. *Obes Rev.* 2012;13(11). <https://doi.org/10.1111/j.1467-789X.2012.01015.x>
2. Simmonds M, Llewellyn A, Owen CG, Woolacott N. Predicting adult obesity from childhood obesity: a systematic review and meta-analysis. *Obes Rev.* 2016;17(2). <https://doi.org/10.1111/obr.12334>
3. Reilly JJ, Kelly J. Long-term impact of overweight and obesity in childhood and adolescence on morbidity and premature mortality in adulthood: systematic review. *Int J Obes (Lond).* 2011;35(7):891-898. <https://doi.org/10.1038/ijo.2010.222>
4. Rubino F, Puhl RM, Cummings DE, et al. Joint international consensus statement for ending stigma of obesity. *Nat Med.* 2020;26(4):485-497. <https://doi.org/10.1038/s41591-020-0803-x>
5. Haqq AM, Kebbe M, Tan Q, Manco M, Salas XR. The Complexity and Stigma of Pediatric Obesity. *Child Obes.* 2021;17(4):229-240. <https://doi.org/10.1089/chi.2021.0003>
6. Leutner M, Dervic E, Bellach L, Klimek P, Thurner S, Kautzky A. Obesity as pleiotropic risk state for metabolic and mental health throughout life. *Transl Psychiatry.* 2023;13(1):1-12. <https://doi.org/10.1038/s41398-023-02447-w>
7. Sarwer DB, Polonsky HM. The Psychosocial Burden of Obesity. *Endocrinol Metab Clin North Am.* 2016;45(3):677-688. <https://doi.org/10.1016/j.ecl.2016.04.016>
8. Sutaria S, Devakumar D, Yasuda SS, Das S, Saxena S. Is obesity associated with depression in children? Systematic review and meta-analysis. *Arch Dis Child.* 2019;104(1):64-74. <https://doi.org/10.1136/archdischild-2017-314608>
9. Shao SL, Liu DQ, Zhang B, Huang SM. Inflammatory Response, a Key Pathophysiological Mechanism of Obesity-Induced Depression. *Mediators of Inflammation.* 2020;2020(1):8893892. <https://doi.org/10.1155/2020/8893892>
10. CDC. How Overweight and Obesity Impacts Your Health. Healthy Weight and Growth. April 25, 2024. Accessed October 1, 2024. <https://www.cdc.gov/healthy-weight-growth/food-activity/overweight-obesity-impacts-health.html>
11. Carey FR, Singh GK, Brown III HS, Wilkinson AV. Educational outcomes associated with childhood obesity in the United States: cross-sectional results from the 2011–2012 National Survey of Children's Health. *International Journal of Behavioral Nutrition and Physical Activity.* 2015;12(1):S3. <https://doi.org/10.1186/1479-5868-12-S1-S3>
12. Park D, Lee JH, Han S. Underweight: another risk factor for cardiovascular disease?: A cross-sectional 2013 Behavioral Risk Factor Surveillance System (BRFSS) study of 491,773 individuals in the USA. *Medicine (Baltimore).* 2017;96(48):e8769-e8769. <https://doi.org/10.1097/MD.00000000000008769>
13. Schorr M, Miller KK. The endocrine manifestations of anorexia nervosa: mechanisms and management. *Nat Rev Endocrinol.* 2017;13(3). <https://doi.org/10.1038/nrendo.2016.175>
14. De Filippo E, Marra M, Alfinito F, et al. Hematological complications in anorexia nervosa. *Eur J Clin Nutr.* 2016;70(11):1305-1308. <https://doi.org/10.1038/ejcn.2016.115>

15. Bialo SR, Gordon CM. Underweight, overweight, and pediatric bone fragility: impact and management. *Curr Osteoporos Rep*. 2014;12(3):319-328. <https://doi.org/10.1007/s11914-014-0226-z>
16. Dobner J, Kaser S. Body mass index and the risk of infection - from underweight to obesity. *Clin Microbiol Infect*. 2018;24(1). <https://doi.org/10.1016/j.cmi.2017.02.013>
17. Hruby A, Hu FB. The Epidemiology of Obesity: A Big Picture. *Pharmacoeconomics*. 2015;33(7):673-689. <https://doi.org/10.1007/s40273-014-0243-x>
18. Ursache A, Rollins BY. Change in Child Opportunity Index in Early Childhood Is Associated with Youth BMI Growth. *Childhood Obesity*. Published online October 22, 2024. <https://doi.org/10.1089/chi.2024.0299>
19. Lawton RI, Stanford FC. The Role of Racism in Childhood Obesity. *Curr Obes Rep*. 2024;13(1):98-106. <https://doi.org/10.1007/s13679-023-00538-9>
20. Schroeder K, Schuler BR, Kobulsky JM, Sarwer DB. The association between adverse childhood experiences and childhood obesity: A systematic review. *Obesity reviews : an official journal of the International Association for the Study of Obesity*. 2021;22(7):e13204. <https://doi.org/10.1111/obr.13204>
21. Cuevas AG, Krobath DM, Rhodes-Bratton B, et al. Association of Racial Discrimination With Adiposity in Children and Adolescents. *JAMA Network Open*. 2023;6(7):e2322839. <https://doi.org/10.1001/jamanetworkopen.2023.22839>
22. Puhl RM, Wall MM, Chen C, Bryn Austin S, Eisenberg ME, Neumark-Sztainer D. Experiences of weight teasing in adolescence and weight-related outcomes in adulthood: A 15-year longitudinal study. *Prev Med*. 2017;100:173-179. <https://doi.org/10.1016/j.ypmed.2017.04.023>
23. Lydecker JA, Winschel J, Gilbert K, Cotter EW. School absenteeism and impairment associated with weight bullying. *J Adolesc*. 2023;95(7):1478-1487. <https://doi.org/10.1002/jad.12220>
24. Johnson KA, Showell NN, Flessa S, et al. Do Neighborhoods Matter? A Systematic Review of Modifiable Risk Factors for Obesity among Low Socio-Economic Status Black and Hispanic Children. *Childhood Obesity*. 2019;15(2):71. <https://doi.org/10.1089/chi.2018.0044>
25. Li W, Buszkiewicz JH, Leibowitz RB, Gapinski MA, Nasuti LJ, Land TG. Declining Trends and Widening Disparities in Overweight and Obesity Prevalence Among Massachusetts Public School Districts, 2009-2014. *Am J Public Health*. 2015;105(10):e76-82. <https://doi.org/10.2105/AJPH.2015.302807>
26. Lange SJ. Longitudinal Trends in Body Mass Index Before and During the COVID-19 Pandemic Among Persons Aged 2–19 Years — United States, 2018–2020. *MMWR Morb Mortal Wkly Rep*. 2021;70. <https://doi.org/10.15585/mmwr.mm7037a3>
27. Maxwell SL, McCulloch CE, Fernandez A, Beck AL. Changes in BMI prior to and during the COVID-19 pandemic among children: a retrospective cohort study in San Francisco, CA. *BMC Public Health*. 2024;24(1):2962. <https://doi.org/10.1186/s12889-024-20311-4>
28. CDC. Childhood Obesity Facts. Obesity. September 20, 2024. Accessed November 18, 2024. <https://www.cdc.gov/obesity/childhood-obesity-facts/childhood-obesity-facts.html>
29. Gortmaker Steven L., Bleich Sara N., Williams David R. Childhood Obesity Prevention — Focusing on Population-Level Interventions and Equity. *New England Journal of Medicine*. 2024;390(8):681-683. <https://doi.org/10.1056/NEJMp2313666>

30. Kumanyika S. Getting to Equity in Obesity Prevention: A New Framework. *NAM Perspectives*. Published online January 18, 2017. <https://doi.org/10.31478/201701c>
31. Obita G, Alkhatib A. Effectiveness of Lifestyle Nutrition and Physical Activity Interventions for Childhood Obesity and Associated Comorbidities among Children from Minority Ethnic Groups: A Systematic Review and Meta-Analysis. *Nutrients*. 2023;15(11):2524. <https://doi.org/10.3390/nu15112524>
32. Dietz WH. We Need a New Approach to Prevent Obesity in Low-Income Minority Populations. *Pediatrics*. 2019;143(6):e20190839. <https://doi.org/10.1542/peds.2019-0839>
33. Phan TLT. A path towards equity in pediatric obesity outcomes. *Current Opinion in Pediatrics*. 2024;36(1):1. <https://doi.org/10.1097/MOP.0000000000001303>
34. CDC. Preventing Childhood Obesity: 6 Things Families Can Do. Obesity. June 7, 2024. Accessed November 14, 2024. <https://www.cdc.gov/obesity/family-action/index.html>
35. Body mass index : considerations for practitioners. Accessed November 19, 2024. <https://stacks.cdc.gov/view/cdc/25368>
36. COMMITTEE ON PRACTICE AND AMBULATORY MEDICINE and, BRIGHT FUTURES PERIODICITY SCHEDULE WORKGROUP, Simon GR, et al. 2016 Recommendations for Preventive Pediatric Health Care. *Pediatrics*. 2016;137(1):e20153908. <https://doi.org/10.1542/peds.2015-3908>
37. US Preventive Services Task Force. Screening for Obesity in Children and Adolescents: US Preventive Services Task Force Recommendation Statement. *JAMA*. 2017;317(23):2417-2426. <https://doi.org/10.1001/jama.2017.6803>
38. Taylor SA, Borzutzky C, Jasik CB, et al. Preventing and Treating Adolescent Obesity: A Position Paper of the Society for Adolescent Health and Medicine. *J Adolesc Health*. 2016;59(5):602-606. <https://doi.org/10.1016/j.jadohealth.2016.08.020>
39. Poole MK, Gortmaker SL, Barrett JL, et al. The societal costs and health impacts on obesity of BMI report cards in US schools. *Obesity*. 2023;31(8):2110-2118. <https://doi.org/10.1002/oby.23788>
40. Thompson HR, Madsen KA. The Report Card on BMI Report Cards. *Curr Obes Rep*. 2017;6(2):163-167. <https://doi.org/10.1007/s13679-017-0259-6>
41. CDC. CDC-Recognized Family Healthy Weight Programs. Family Healthy Weight Programs. May 9, 2024. Accessed September 25, 2024. <https://www.cdc.gov/family-healthy-weight/php/recognized-programs/index.html>
42. CDC. Obesity Strategies: What Can Be Done. Obesity. October 8, 2024. Accessed November 13, 2024. <https://www.cdc.gov/obesity/strategies/obesity-strategies-what-can-be-done.html>
43. Mass in Motion: Schools | Mass.gov. Accessed January 28, 2025. <https://www.mass.gov/mass-in-motion-schools>
44. Diabetes Prevention Program (DPP) | Mass.gov. Accessed January 28, 2025. <https://www.mass.gov/info-details/diabetes-prevention-program-dpp>
45. Heart Disease Prevention and Control | Mass.gov. Accessed January 28, 2025. <https://www.mass.gov/heart-disease-prevention-and-control>

46. Stroke Prevention and Control | Mass.gov. Accessed January 28, 2025. <https://www.mass.gov/stroke-prevention-and-control>