

# ATLAS

ATHLETIC TRAINING LOCATIONS AND SERVICES



## Athletic Training Locations and Services (ATLAS) Project

### 2<sup>nd</sup> ANNUAL REPORT

Produced by The Korey Stringer Institute, University of Connecticut  
in association with the National Athletic Trainers' Association

[www.ksi.uconn.edu/nata-atlas/](http://www.ksi.uconn.edu/nata-atlas/)

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## Introduction

Prior to 2010 the National Athletic Trainers' (NATA) Secondary School Athletic Trainers' Committee (SSATC) was continually working with the leadership from member states within each of the 10 NATA districts to quantify the extent of secondary schools in the United States that received care from Athletic Trainers (ATs). In some states, this information was routinely maintained by the state athletic training leadership or a member(s) of the SSATC who were connected and well-known within that state at the secondary school level. The NATA Office assisted through the provision of membership records for secondary school athletic trainers (SSATs); however, keeping up with the ever-changing landscape, coupled with the fact that not all SSATs were members of the NATA, proved challenging. Furthermore, detailed information of the NATA membership were not available for dissemination by the NATA due to privacy considerations for its members. Thus, prior to 2010 there was no formal or comprehensive structure in place on a national scale to monitor and track the extent of athletic trainer services in all 50 states and the District of Columbia. Outside of funded research studies, key information pertaining to national employment trends, education level, extent of Athletic training services or care, best practice policies, physician oversight, insurance claims processing, and the ability to understand the needs of the profession in the secondary school setting were difficult to readily ascertain and report. While some states were quite successful in reaching out to all SSATs within their state and were able to capture valuable information regarding the address, sport class size, county, division, and even employment model, a cohesive mechanism to provide continuous updating and long-term prospective sustainability was not present.

Recognizing the importance of this information to secondary schools and the magnitude of this task, the NATA and the SSATC tasked the Korey Stringer Institute (KSI) with

establishing a benchmark of the AT services in the US. With funding from the NATA in addition to using it's own funding KSI opened a research calling center with the goal of reaching out via phone to every high school, public (PUB) and private (PVT), in the US to determine if they have an athletics program, an AT (and if so to what extent), high-risk sports and to provide the number of students and student-athletes in the school. This project has been commonly referred to as the "NATA Benchmark Study" and took over 4 years to complete.<sup>1</sup> The results of which were published in three parts (PUB,<sup>1</sup> PVT,<sup>2</sup> and PUB+PVT combined).<sup>3</sup> The first was entitled Athletic training services in public secondary schools: A Benchmark study,<sup>1</sup> the second was Athletic trainer services in US private secondary schools,<sup>2</sup> and the third was Athletic trainer services in public and private secondary schools<sup>3</sup> all of which were published in the Journal of Athletic Training between 2015-2017. Following these landmark studies, which included an overall response rate of 52% (n=10,553) of secondary schools, findings revealed that 67% of the respondents in this sample had access to on-site AT services. Of those that had access to on-site AT services, 35% had full-time, 30% had part-time, and 3% were per diem. While not directly reported in these publications, simple math would reveal that the remaining 33% of respondents reported no access to on-site AT services.<sup>3</sup> Findings from these studies also determined that overall student enrollment plays a role in the level of services. Schools with enrollment <600 students more frequently reported part-time services while schools with ≥600 students more frequently had full-time AT services.<sup>1</sup> Specifically from the Pike et al paper in 2017, the qualitative data from this project also revealed that school representatives deemed lack of funding, lack of knowledge of ATs, and rural locale as key social determinants hindering the hiring of AT services in PUB and PVT schools.<sup>3</sup> Perhaps of greatest note is this research was a snapshot with limited plans for future analysis, integration, and applicability for the AT profession. Following completion of this project, KSI saw an opportunity to create the Athletic Training Locations and Services (ATLAS) Project<sup>4</sup> whose purposes include:

1. Creating a real-time database of athletic training services in secondary schools
2. Creating a directory for each state's athletic training association and high school athletics association
3. Assisting states in moving toward full-time athletic training services
4. Providing useful data to each state's athletic training association and high school athletic association
5. Identifying common factors associated with increased athletic training services across the country
6. Improving the delivery of healthcare services via improved communication between secondary schools

## Methods

In order to achieve the aforementioned purpose(s) of the ATLAS Project, data was collected using a longitudinal multi-modal acquisition process. This project consists of two major phases. In January of 2016, both the ATLAS "Mapping Phase" and the ATLAS "Survey Phase" were launched simultaneously. The mapping phase consisted of merging previously established databases the removal of duplicate entries and secondary schools without athletics programs, and the categorization of schools with athletics and AT services. The survey phase consisted of an online descriptive survey to identify aspects of AT services such as, but not limited to, (1) the level of AT services provided to a secondary school, (2) demographic information for the AT(s) providing services, (3) AT employment model and type, (4) information about the secondary school's athletics program, (5) the emergency best practices in place, (6) the level and qualifications of overseeing physician(s), and (7) the percentage of time spent by the AT within the individual domains of athletic training. This study was approved by the University of Connecticut Institutional Review Board.



## Participants

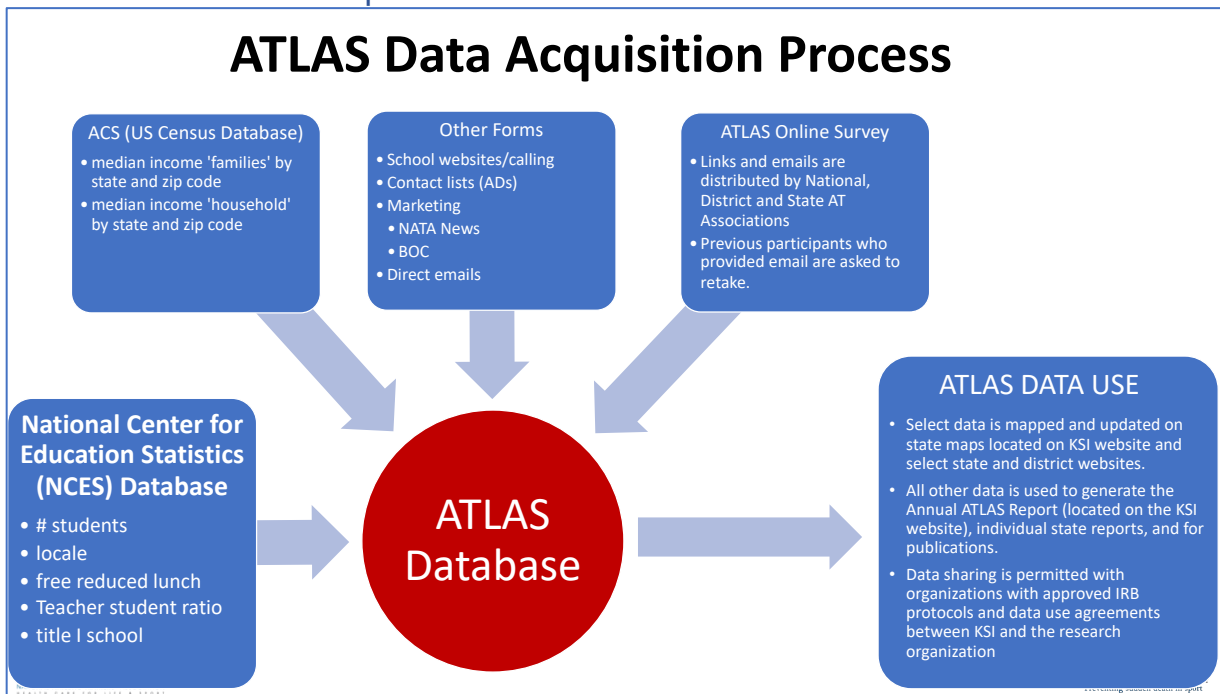
Information related to every PUB (n=16,076) and PVT (n= 4,196) secondary school from all 50 states and District of Columbia was obtained and included in the ATLAS database. PUB and PVT secondary schools throughout the United States with a school-sanctioned interscholastic athletics program who offered at least one grade between 9-12 were included. All school types (PUB, PVT, alternative, charter, magnet preparatory, technical and vocational schools) were included as long as they reported having school-sanctioned interscholastic athletics. For secondary schools with athletics programs that co-op with other local area schools, the secondary school housing the athletics program was used and the secondary school without was removed from the analyses. If both schools reported athletics programs, both were included in the database.

This study also included survey data from athletic trainers who provided information related to the level of AT services they provided (e.g. full-time or part-time) as well as the model in which they were hired or employed (e.g. school district (SD), school district with teaching (SDT), medical or university facility: hospital, clinic, or university (MUF), or per-diem (PD) for the same secondary schools within the dataset (see procedures for definitions). Only secondary schools who receive AT services were surveyed.

## Procedures/ Instrumentation

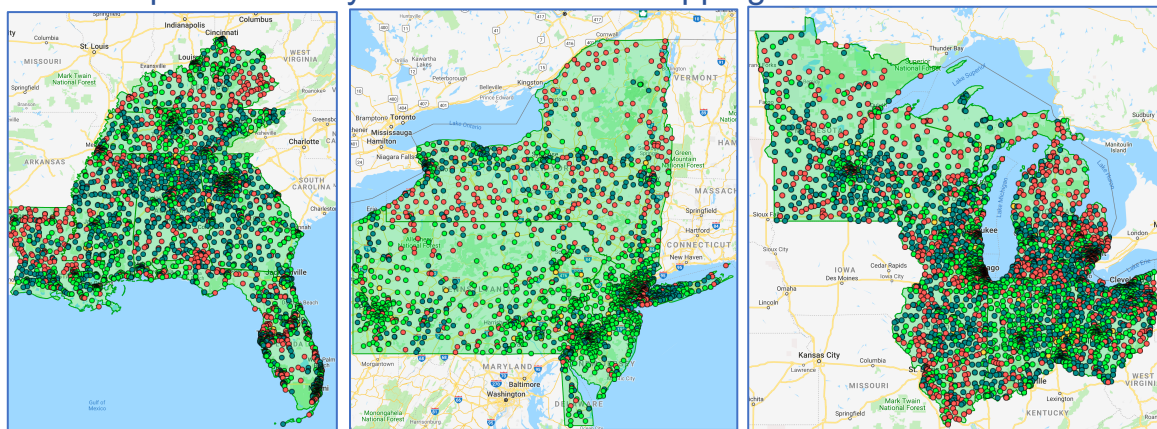
Numerous databases were identified and merged to obtain the complete population data regarding AT services in the secondary school setting. (see Figure 1) Data from 10,553 secondary schools' AT services obtained from the previous studies by Pryor et al.<sup>1</sup> and Pike et al.<sup>2,3</sup> served as the starting point. These data were merged with the secondary schools listed in the U.S. Department of Education's National Center for Education Statistics (NCES) database.<sup>5</sup> After merging the databases, a total of 44,258 U.S. secondary schools including at least one grade between 9 through 12 were identified.

Figure 1. ATLAS DATA Acquisition Process



Duplicates from the two databases were excluded (n=10,152) and mapped online <https://ksi.uconn.edu/nata-atlas/> using a google-based platform (Zeemaps, Zee Source, Cupertino, CA).<sup>6</sup> Individual maps for each state (see Figure 2) were developed and made public to assist with the quantification of the remaining secondary schools without athletics programs (n=13,834).

Figure 2. Example of Publicly Available Online Mapping



NATA District 9 (left) and District 2 (right). Green dots indicate full-time AT services, teal dots indicate part-time AT services, red dots indicate no AT services and yellow are NATA safe sports school award winners.

In order to correctly quantify those secondary schools with and without AT services as well as remove the “unknown schools”, the following collection methods were utilized. For

secondary schools with AT services as determined by the “Benchmark Study”, blanket emails and communications from the NATA SSATC, KSI, and various other NATA state leaders using existing member lists were conducted. These emails asked the ATs to confirm the services they provided and directed them to participate in the ATLAS Survey via an online survey platform (Qualtrics, Provo, UT).<sup>7</sup> During all forms of communication, a formal set of questions was asked of the school representative (which may have included the AT or other secondary school administrator) (1) “does the school have an athletics program?” (2) “does the school receive healthcare services from an AT?” If the school answered yes to AT services; (3) “how many ATs provide these services?” and (4) “can you provide us with the AT’s contact information or email so that we may call or send them a survey recruitment email?” If the school answered “no” to having athletics, they were removed from the database. If they answered “yes” to having athletics, but “no” regarding the provision of healthcare services in the form of an AT, they were listed in the database as no AT services and the questioning was complete. In circumstances where a school representative provided the responses, and in an effort to reduce the inaccuracy of reporting, every attempt was made to garner a response from the secondary school AT who provided care to that school’s athletes. If no AT was identified, then responses to the questions were gathered from the athletic director, principal or assistant principal, sport coach or school office assistant. In the event that a school representative answered the questions and the AT also answered, (either via phone, email or online survey) the response of the AT superseded that of the school official. Throughout the categorization process, the state lists that were shared with the NATA Secondary School Athletic Training Committee Chairs and each state association’s secondary school committee were cross-referenced by the researchers and the online maps were updated to reflect the changes to help expedite and track the progress being made in each state. Next, the online maps were updated, and revised lists of unknown secondary schools were provided to each NATA SSATC Chair and/or to state athletic training association leaders/liaisons actively

working with KSI to complete the mapping phase. In addition to these aforementioned methods, the NATA and KSI utilized various national marketing efforts to direct ATs to the maps and to the ATLAS survey. These methods included social media such as Facebook and Twitter, e-blasts, NATA and KSI blog posts, advertisements at national, district, and state AT meetings, articles in the NATA News and embedded links on websites. The mapping phase began on June 30, 2016 and was completed on February 21, 2018.

During the mapping phase, additional demographics from the publicly available online NCES database<sup>5</sup> were merged into the existing state data files using the “=INDEX(MATCH)” function in excel via a common identifier known as the “NCES School ID”. By merging the data from NCES, the following information was obtained for PUB secondary schools:

- NCES School ID
- NCES District ID
- State District
- Low Grade
- High Grade
- County
- Locale Code
- Locale
- Title I School
- Title I Schoolwide
- number of students
- number of teachers
- student teacher ratio
- number of students with free lunch
- number of students with reduced lunch

For PVT secondary schools NCES data include only the following:

- ID
- locale code
- county
- low grade
- high grade

The NCES locale framework is composed of four basic types (city, suburban, town, and rural) and relies on standard urban and rural definitions developed by the U.S. Census

Bureau.<sup>8</sup> Data for all other school types were consolidated to PUB and PVT for ease of comparison.

The ATLAS survey was developed by the researchers with assistance from the NATA SSATC. Two content area research experts, one with experience in secondary school athletic training research and one with leadership experience in the secondary school AT setting, and an AT graduate assistant researcher determined the content examined in the descriptive items of the questionnaire and judged the appropriateness of the items. After the questionnaire was completed and uploaded to the online platform, four content area experts, two members of the NATA SSATC Committee and two content area researchers with expertise in the development and administration of online surveys, reviewed the questionnaire for face and content validity. After establishing face and content validity, one state was selected to pilot the survey and provide feedback. Their responses were analyzed, and multiple-choice options were expanded to include all potential responses. Given that all items in this questionnaire are descriptive in nature, centered around a singular construct of availability of AT services in secondary schools, the instrument did not necessitate criterion or construct validity. The questionnaire was then made publicly available via an open-access link. Annually in the month of August, additional questions were added to enhance the description of various items based on request from the NATA and future research interests; however, the original questions remained unchanged. The additional items underwent the same face and content validation process as previously described. In the event that more than one AT from a school completed the questionnaire or if an individual responded to the questionnaire more than once, the most recent and complete questionnaire was utilized.

## Analyses

The management of the ATLAS data files for each state were managed using Microsoft Excel (Version 16.14.1, Microsoft Corporation, Redmond, WA). Descriptive statistics including counts and percentages for full-time, part-time and no AT services for PUB, PVT, and

PUB+PVT combined by state by employment, by locale, by education level and by NATA district are included in this report. Although not reported, mean  $\pm$  standard deviation (SD), as well as +2SD and -2SD were calculated and mentioned in the analyses. Full-time AT services were operationally defined as a school who receives AT services for  $\geq 30$  hours per week,  $\geq 5$  days per week,  $\geq 10$  months per year. Part-time AT services were defined as, anything less than full-time, and no AT services meant that at no time does the school receive any services from an AT. The highest (top five with the highest relative percentages) and lowest (bottom five lowest percentage) were also reported.

## Results

The overall response rate for the ATLAS mapping phase was 100% (n=20,414). For the survey phase, of the secondary schools with AT services (n=13,488), a response rate of 58% (n=7,817) as of May 3, 2019 are included in this report.

## ATLAS Mapping Results

### AT Services

Of total PUB and PVT secondary schools combined with athletics programs (n=20,414), 66% (n=13,488) receive AT services while 34% (n=6,923) have no AT services (see Table 1). Of those secondary schools with AT services, 36% (n=7,417) receive full-time services and 30% (n=6,071) receive part-time. The range of access to AT services is from 13% (Alaska) to 90% (New Jersey). The national map (Figure 3) depicts AT services in each state as well as by NATA district. AT The range of full-time, part-time and no AT services are 3-79%, 8-54% and 10-87%, respectively. The top five states with the highest percentage of access to AT services are New Jersey, Hawaii, Connecticut, Delaware, and Pennsylvania while the top five for % of full-time services are New Jersey, Hawaii, Pennsylvania, South Carolina, and Indiana. Figure 4 presents the percentages of full-time AT services by state and by NATA district. The top states with part-time services are Iowa, Rhode Island, Mississippi, Alabama, and Connecticut. Figure 5 presents the percentage of part-time AT services by state and by NATA district. The states

with the highest % of secondary schools without AT services are Alaska, Oklahoma, North Dakota, Idaho, and Arkansas. When examining the total number of secondary schools with AT access in the states of Texas, California, Ohio, Pennsylvania, and New York combined, they comprise 30% (n=4,094) of the secondary schools with AT access nationwide. Interestingly, two of these states, Ohio and Pennsylvania, exceed the national AT access average of 66%. Table 2 depicts the AT services nationally for PUB secondary schools. Compared to PUB+PVT secondary schools combined, in the PUB secondary school setting, 69% of secondary schools have access to AT services while 31% are without AT services of any kind. Of those PUB secondary schools with AT services (n=11,135), 38% are employed full-time while 31% are part-time. Visually these findings are presented as well in Figure 6. The ranges for access (full-time, part-time and no AT services) in the PUB secondary school setting is 13-100%, 2-91%, 4-58%, and 0-87%, respectively. The top five states with access to AT services in the PUB secondary school setting are Delaware, Hawaii, New Jersey, Connecticut, and Pennsylvania. Of note, when examining full-time services, two states (Hawaii and New Jersey) exceeded 75% which coincides with two standard deviations above the mean and Pennsylvania, South Carolina, and Virginia rounding out the top 5 states with the highest percentage of full-time services. Part-time services are highest in Connecticut, Rhode Island, Iowa, Alabama, and Mississippi. AT services appear to be most needed in PUB secondary schools with athletics in Alaska, Oklahoma, North Dakota, Arkansas, and Idaho.

Athletic Training services in PVT secondary schools (Table 3) demonstrate on average a 14% reduction compared to the PUB secondary schools in access to AT services (55%), 9% reduction in full-time and 5% reduction in part-time services. Of those PVT secondary schools with AT services (n=2,353), there is nearly an even split of 29% of ATs employed full-time and 26% employed part-time. States with the highest access to AT services in PVT secondary schools are Rhode Island, Nebraska, Hawaii, District of Columbia, and South Dakota. Full-time services are highest in District of Columbia, Connecticut, Rhode Island, New Jersey, and

Delaware. Notably, the full-time services rate in the District of Columbia is an outlier compared to the rest of those with full-time services. The state of South Dakota demonstrated the highest level of part-time services, followed by Mississippi, Iowa, Nebraska, and North Dakota. The states with the largest percentage of PVT secondary schools without AT services are Wyoming, Utah, New Hampshire, Alaska, and Oregon. However, it is important to note that these states only have 195 PVT secondary schools combined; furthermore, two states have less than 10 PVT secondary schools with athletics in the entire state (Wyoming and Alaska). Remarkably, New Hampshire has a similar number of PVT (n=88) and PUB (n=86) secondary schools, yet there are twice the number of PVT secondary schools without AT services (n=70) compared to PUB without (n=32).

In summary, the overall comparison of AT services in PUB, PVT, and PUB+PVT secondary schools combined are presented in Table 4, with summary data from the 2018 ATLAS Report. There are nearly 4X the amount of PUB secondary schools than PVT secondary schools with athletics in the U.S. PUB secondary schools have increased access to AT services (+14%), which appears to be due to a greater percentage of full-time services (+9%). Additionally, in comparison to the 2018 ATLAS Report, while there was no change observed in access to AT services in public and private secondary schools, there was a 2% increase in full-time services and a decrease of 1% in part-time services. This is likely due to the clarification of the services that the secondary schools receive through the information provided in the ATLAS Survey. From a safety perspective, of greatest concern is that 45% of PVT secondary schools do not have appropriate medical care yet they have athletics and when we combine PUB and PVT schools, 34% (n=6,923) of secondary schools nationwide do not have appropriate health care in the form of AT services during school-sponsored athletics.

AT services in US secondary schools (PUB and PVT combined) by NATA District are presented in Table 5. Districts 2, 9 and 3 have the highest percentage of secondary schools with access to AT services (78%, 74%, 70%, respectively), however, Districts 2, 3 and, 6 have



the highest percentage of full-time services. Districts 10 and 5 have the highest percentage of secondary schools without AT services. Interestingly the second largest District (D9; n= 3232) has the second highest percentage of access to AT services.

Public secondary school AT services data by NATA District are presented in Table 6. Identical to the combined data, Districts 2, 9 and 3 have the highest percentage of schools with access to AT services (81%, 81%, and 77%, respectively). Districts 2, 3, and 6 have the highest PUB school percentage of full-time services, while Districts 9, 1, and 4 have the highest PUB school percentage of part-time services. Districts 10, 5, and 8 have the highest percent of no AT services.

Table 7 depicts the PVT secondary school AT services by NATA District. In this table, Districts 2 and 5 have the highest percentage of AT access (67% and 58), with Districts 8, 9, and 1 having 56% of PVT secondary schools with AT access. Districts 2, 1, and 3 have the highest percentage of full-time services (41%, 36%, and 33%). In comparison to PUB secondary schools, PVT secondary schools in Districts 1 and 5 have increased percentages of full-time services which is dissimilar to all other districts. Furthermore, in District 7 PVT schools have 28% more secondary schools without AT services than PUB secondary schools.

### AT Services by Locale

Locale data from NCES were present for 96% (n=19,691) of the secondary schools with athletics programs included in the ATLAS database. Locales were not provided by NCES for a total of 722 secondary schools for PUB (n=423) and PVT (n=299), respectively. The percentage of AT services at PUB+PVT secondary schools combined in individual states are described in Table 8. Regarding full-time AT coverage, Wyoming (n=5) is the only state with 100% full-time AT coverage at city schools. No state has full-time AT services in 100% of suburban secondary schools however, the states of Nebraska, New Jersey, Pennsylvania, and South Carolina have full-time AT services in over 75% of suburban secondary schools. Similar to the suburban secondary schools, there are no full-time AT services in 100% of town

secondary schools. Additionally, the only state with full-time AT services in >80% of rural secondary schools is New Jersey. Regarding AT access (full-time+part-time), the states of Montana, North Dakota and Wyoming have AT access in 100% of city secondary schools. The states of Hawaii, Montana, Nebraska, South Dakota, Vermont and Wyoming have AT access in 100% of suburban secondary schools. Regarding secondary schools with no AT services, 63% of Illinois city secondary schools (n=200), 55% of Utah city secondary schools (n=20), 53% of Massachusetts city secondary schools (n=88), 50% of Idaho city secondary schools (n=20) and 50% of Vermont city schools (n=4) do not have access to AT services.

The percentage of AT services by locale in PUB secondary schools are listed in Table 9. All of the city PUB secondary schools in three states have full-time AT services (Hawaii, North Dakota and Wyoming). Nine other states (Alaska, Delaware, District of Columbia, Iowa, Montana, Nebraska, North Dakota, South Dakota, and Wyoming) have AT access provided to all city PUB secondary schools. Nearly 25% of states, all suburban PUB schools have AT access (Arkansas, Delaware, Hawaii, Iowa, Mississippi, Nebraska, Nevada, New Mexico, South Dakota and Vermont). Two states (Delaware and Hawaii) have AT access in all town PUB secondary schools. Lastly, only two states (Delaware and New Jersey) have AT access in all rural secondary schools. When examining the percentage of PUB secondary schools in city locales without AT services, the states of Illinois and Massachusetts are outliers (>2SD or >53%) compared to all other states. For PUB secondary schools without AT services in the suburban locale, Alaska (n=2) is an outlier (>43%) while in the town locale Massachusetts is an outlier with 75% (n=6 of 8) of schools without AT services. In the rural locale, Alaska is an outlier with 97% of the 124 secondary schools are without AT services. The next highest state without AT services is Oregon with 88%.

The percentages of AT services by locale in PVT schools are listed in Table 10. There are two states where all PVT city secondary schools have 100% access to AT services (Montana and North Dakota). All PVT suburban secondary schools in the states of Hawaii and

Nebraska have 100% AT access. Colorado is the only state where all PVT secondary schools located in towns have AT access. Similarly, all PVT rural secondary schools in state of Hawaii have access to AT services.

Table 11 and Figure 7 depict the locales of AT services of PUB, PVT, and PUB+PVT secondary schools combined. For PUB+PVT secondary schools combined on a national scale, the percentage of full-time services is 43% in city secondary schools, peaks in the suburban locale with 52% of schools and then is reduced in towns (34%) and rural locales (23%). Similarly, AT access in PUB+PVT secondary schools combined is slightly lower in the city locale (79%) than the suburban locale (80%) and is again reduced in towns (69%) and rural locales (53%). In PUB secondary schools (city, suburban, town, rural) the percentage of schools with AT access is 71%, 88%, 73%, 55% and in PVT secondary schools the access is 63%, 56%, 40%, 39%, respectively. When examining the locales with the highest percentage without AT services, PUB+PVT secondary schools combined for city, suburban, town and rural locales are 29%, 20%, 31%, 47%, while PUB secondary schools are 29%, 12%, 27% and 45%, and PVT secondary schools are 37%, 44%, 60% and 61%, respectively. PUB secondary schools have the highest percentage of AT access across all locales while PVT secondary schools have the lowest. PVT secondary schools located in towns and rural locales have the highest percentage of secondary schools without AT services while PUB secondary schools located in cities and the suburbs have the lowest percentage.

Table 12 describes the locales of AT services in PUB+PVT secondary schools combined by NATA District. District 1 has highest percentage of secondary schools without AT services in city schools (35%) followed closely by District 4 (34%). District 7 has the highest percentage of secondary schools with AT services in suburban locales (88%) while District 5 has the lowest percentage of secondary schools with AT services in towns (78%). In the PUB secondary school setting (Table 13), District 1 is an outlier with the highest percentage of part-time AT services in suburban secondary schools (49%) while District 2 is an outlier for full-time

AT services in both the town (59%) and rural (59%) locales. The only NATA district outlier in the PVT setting by locale is District 8 (Table 14) with a higher percentage of part-time AT services in the suburban (53%) locale and full-time AT services in the rural (55%) locale.

## ATLAS Survey Results

### AT Employment

The following results pertain to the 2018 AY ATLAS survey phase. The topics examined in these results are related to AT employment model and AT education level in secondary schools with AT services only. Of the 13,488 secondary schools with access to AT services, 58% of secondary schools have completed the ATLAS Survey (Table 15). Of the 7,817 secondary schools who completed the ATLAS Survey, 83% of survey respondents are employed in U.S. PUB Secondary Schools and 17% are employed in US PVT Secondary Schools. The majority of ATs are employed by a Medical or University Facility (59%), while 36% are employed by the School District (23% without teaching responsibilities, 13% with teaching responsibilities), 6% are employed as Independent Contractors and 3% are unknown. In PUB and PVT secondary schools combined (Table 15), four states have  $\geq 85\%$  of respondents providing AT services are employed by the School District (District of Columbia, New Jersey, New Mexico, Texas) while seven states have  $\geq 85\%$  of respondents who are employed by Medical or University Facility (Alaska, Indiana, Minnesota, Mississippi, North Dakota, Ohio and Wisconsin). In the PUB secondary school setting alone, (Table 16) four states (District of Columbia, Hawaii, New Jersey, New Mexico and Texas) have  $\geq 85\%$  of respondents providing AT services employed by the School District while seven states (Indiana, Iowa, Minnesota, Mississippi, North Dakota, Ohio and Wisconsin) have  $\geq 85\%$  of respondents providing AT services employed by Medical or University Facilities. In the PVT setting (Table 17), only one states has  $\geq 85\%$  of respondents providing AT services employed by the School District (WV) however only one survey from a private school AT is present. The next highest states are California and the District of Columbia at with 82% of private school

ATs employed by the school directly. Eight states have  $\geq 85\%$  of respondents providing AT services to PVT secondary schools employed by a Medical or University Facility (Alaska, Indiana, Kentucky, Minnesota, Mississippi, North Dakota, Ohio and Wisconsin). Compared to PUB secondary school employment, PVT secondary schools with ATs have increased employment percentages for School District employment (41% vs. 35%), decreased employment by Medical or University Facilities (51% vs. 59%), and increased employment as Independent Contractors (9% vs. 4%). (see Figure 8) Examining the changes from AY 2017, in AY 2018 (Table 18) while there were no changes in the employment of AT services by school districts there was a change of -2% in those hired by Medical or University Facilities. This is likely due to the increase of nearly 1,100 surveys from AY 2017 to AY 2018 in the PVT setting.

The employment data by District are presented in Tables 19-21. For PUB+PVT secondary schools combined, District 10 and District 3 have the highest percentage of ATLAS Survey completion (71% and 70%), respectively. District 6 has the highest percentage of respondents employed by the School District (60%), followed closely by Districts 7 and 8 (both with 57%). District 4 has the lowest percentage (8%) which is a -2% reduction from AY 2017. Districts 4, 5, and 9 have the highest percentages of respondents employed by Medical or University Facilities (87%, 75%, and 74%, respectively), whereas Districts 6, 7, and 8 have the lowest percentages (37%, 36%, and 33%, respectively). Notably, in District 8 this is a -5% reduction from the previous AY. An examination of PUB secondary schools by NATA District only (Table 20) reveals that District 3 and District 10 have the highest percentage of ATLAS Survey completion (71% and 71%) which is an increase of +4% and 8%, respectively. Districts 6, 7, and 8 have the highest percentage of respondents employed by the School District (62%, 58%, and 61%), while District 4 has the lowest percentage (8%). Districts 4, 5, and 9 have the highest percentages of respondents employed by Medical or University Facilities (87%, 75%, and 74%), whereas Districts 6, 7, and 8 have the lowest percentages (35%, 47%, and 30%), respectively. PVT secondary school data by district (Table 21) demonstrates that districts 10, 3

and 1 have the highest percentage of ATLAS Survey completion (74%, 66% and 64%), respectively. Districts 1 and 3 have the highest percentage of respondents in the PVT setting employed by the School District (68% and 64%), while District 4 has the lowest percentage (11%). Furthermore, Districts 4, 5, and 9 have the highest percentages of PVT secondary school respondents employed by Medical or University Facilities (86%, 73%, and 73%, respectively), whereas Districts 1 and 8 have the lowest percentages (26% and 15%).

## AT Education

Tables 22-24 examine the level of education of the ATs providing services in all 50 states. As previously noted, we observed a 58% response rate nationally (n=7,817 of 13,488). In the PUB+PVT setting combined, a majority (54%) of the secondary schools receive services from an AT who holds a masters while 45% hold a bachelor's degree. Only 1% of secondary schools (n=84) with athletics receive services from an AT who holds a doctorate. Of note, there are 16 individuals who completed the ATLAS Survey who did not complete the education level question. In the PUB secondary school setting (Table 23) of the 6,529 survey respondents, 54% (n=3,504) hold a masters, while 45% (n=2,957) hold a bachelors and 1% (n=59) hold a doctorate. Similarly, in the PVT setting, (Table 24) of the 1,288 survey respondents, 55% (n=706) hold a masters, 43% (n=550) hold a bachelors, and 1% (n=25) hold a doctorate. Interestingly, regarding the PVT secondary school setting, >50% of the survey respondents hold a masters in 32 states, which is comparable to the PUB secondary school setting where in 35 states, > 50% of the survey respondents hold a masters. There are large discrepancies present in 12 states between the percentage of secondary schools who receive AT services from an individual who holds a masters versus a bachelors, which is 17 states less than in the AY 2018 ATLAS Report. This difference is likely explained by the increased survey response rate compared to last year, improving the accuracy of the data. In eight states (District of Columbia, Montana, Missouri, Kentucky, Oklahoma, Virginia, Alabama, and Wyoming), there is a discrepancy of  $\geq 25\%$  between the number of ATs who hold a masters and those with a

bachelors. In four states, (Maine, New Hampshire, Alaska, and Delaware), there is a discrepancy of  $\geq 25\%$  between the number of ATs who hold a bachelors and those with a master's degree.

Tables 26-28 depict the education level of AT services provided to PUB+PVT combined, PUB, and PVT secondary schools by district. District 3 and District 5 have the highest percentage of secondary schools who receive care from an AT who holds a masters (59%) while District 1 has the highest percentage of schools who receive care from an AT with a bachelors (60%). District 3 has 15 schools and District 5 has 14 schools who receive AT services from an AT with a PhD (2% of schools). Similar to the combined data, in PUB secondary schools (Table 27) District 3 has the largest percentage of secondary schools who receive care from an AT with their masters (60%), District 1 with their bachelors (65%), and Districts 5 and 10 with their doctorate (2%). District 6 and District 2 have the highest percentage of PVT secondary school ATs who hold a masters' degree (65%, 63%, respectively) and lowest with a bachelors (32%, 36%) while Districts 4 and 10 have the lowest with a masters (45%, 47%) and the highest percentage with a bachelors (54% and 49%). A majority of survey respondents ( $\geq 50\%$ ) in seven of ten districts hold a masters' degree (Table 28).

## References

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Table 1. Athletic Training Services in US Secondary Schools, by State

State	Public and Private Schools Combined								
	Total Schools	AT Services	Full Time (n)	Part Time (n)	No AT Services	AT Services (%)	Full Time (%)	Part Time (%)	No AT Services
Alabama	473	357	132	225	116	75%	28%	48%	25%
Alaska	156	21	5	16	135	13%	3%	10%	87%
Arizona	283	186	119	67	97	66%	42%	24%	34%
Arkansas	248	97	72	25	151	39%	29%	10%	61%
California	1564	906	344	562	658	58%	22%	36%	42%
Colorado	330	224	116	108	106	68%	35%	33%	32%
Connecticut	211	186	89	97	25	88%	42%	46%	12%
Delaware	57	50	31	19	7	88%	54%	33%	12%
District of Columbia	49	29	25	4	20	59%	51%	8%	41%
Florida	735	502	299	203	233	68%	41%	28%	32%
Georgia	571	458	254	204	113	80%	44%	36%	20%
Hawaii	75	67	56	11	8	89%	75%	15%	11%
Idaho	169	66	43	23	103	39%	25%	14%	61%
Illinois	828	505	285	220	323	61%	34%	27%	39%
Indiana	437	364	246	118	73	83%	56%	27%	17%
Iowa	352	274	83	191	78	78%	24%	54%	22%
Kansas	368	216	75	141	152	59%	20%	38%	41%
Kentucky	288	189	120	69	99	66%	42%	24%	34%
Louisiana	408	283	175	108	125	69%	43%	26%	31%
Maine	147	92	53	39	55	63%	36%	27%	37%
Maryland	304	221	140	81	83	73%	46%	27%	27%
Massachusetts	429	266	133	133	163	62%	31%	31%	38%
Michigan	793	422	166	256	371	53%	21%	32%	47%
Minnesota	437	298	116	182	139	68%	27%	42%	32%
Mississippi	329	262	102	160	67	80%	31%	49%	20%
Missouri	603	316	142	174	287	52%	24%	29%	48%
Montana	176	91	35	56	85	52%	20%	32%	48%
Nebraska	297	186	66	120	111	63%	22%	40%	37%
Nevada	100	60	33	27	40	60%	33%	27%	40%
New Hampshire	174	72	51	21	102	41%	29%	12%	59%
New Jersey	442	397	351	46	44	90%	79%	10%	10%
New Mexico	152	67	47	20	85	44%	31%	13%	56%
New York	902	579	244	335	323	64%	27%	37%	36%
North Carolina	518	380	259	121	138	73%	50%	23%	27%
North Dakota	156	60	20	40	96	38%	13%	26%	62%
Ohio	864	709	408	301	155	82%	47%	35%	18%
Oklahoma	495	157	66	91	338	32%	13%	18%	68%
Oregon	287	128	62	66	159	45%	22%	23%	55%
Pennsylvania	776	674	521	153	102	87%	67%	20%	13%
Rhode Island	62	49	18	31	13	79%	29%	50%	21%
South Carolina	297	236	184	52	61	79%	62%	18%	21%
South Dakota	164	98	32	66	66	60%	20%	40%	40%
Tennessee	428	331	187	144	97	77%	44%	34%	23%
Texas	1647	1226	820	406	419	74%	50%	25%	25%
Utah	177	87	48	39	90	49%	27%	22%	51%
Vermont	84	53	23	30	31	63%	27%	36%	37%
Virginia	461	311	237	74	150	67%	51%	16%	33%
Washington	401	222	98	124	179	55%	24%	31%	45%
West Virginia	131	55	14	41	76	42%	11%	31%	58%
Wisconsin	507	365	148	217	142	72%	29%	43%	28%
Wyoming	72	38	24	14	34	53%	33%	19%	47%
<b>National</b>	<b>20414</b>	<b>13488</b>	<b>7417</b>	<b>6071</b>	<b>6923</b>	<b>66%</b>	<b>36%</b>	<b>30%</b>	<b>34%</b>

Figure 3. Access to Athletic Training Services by State and District

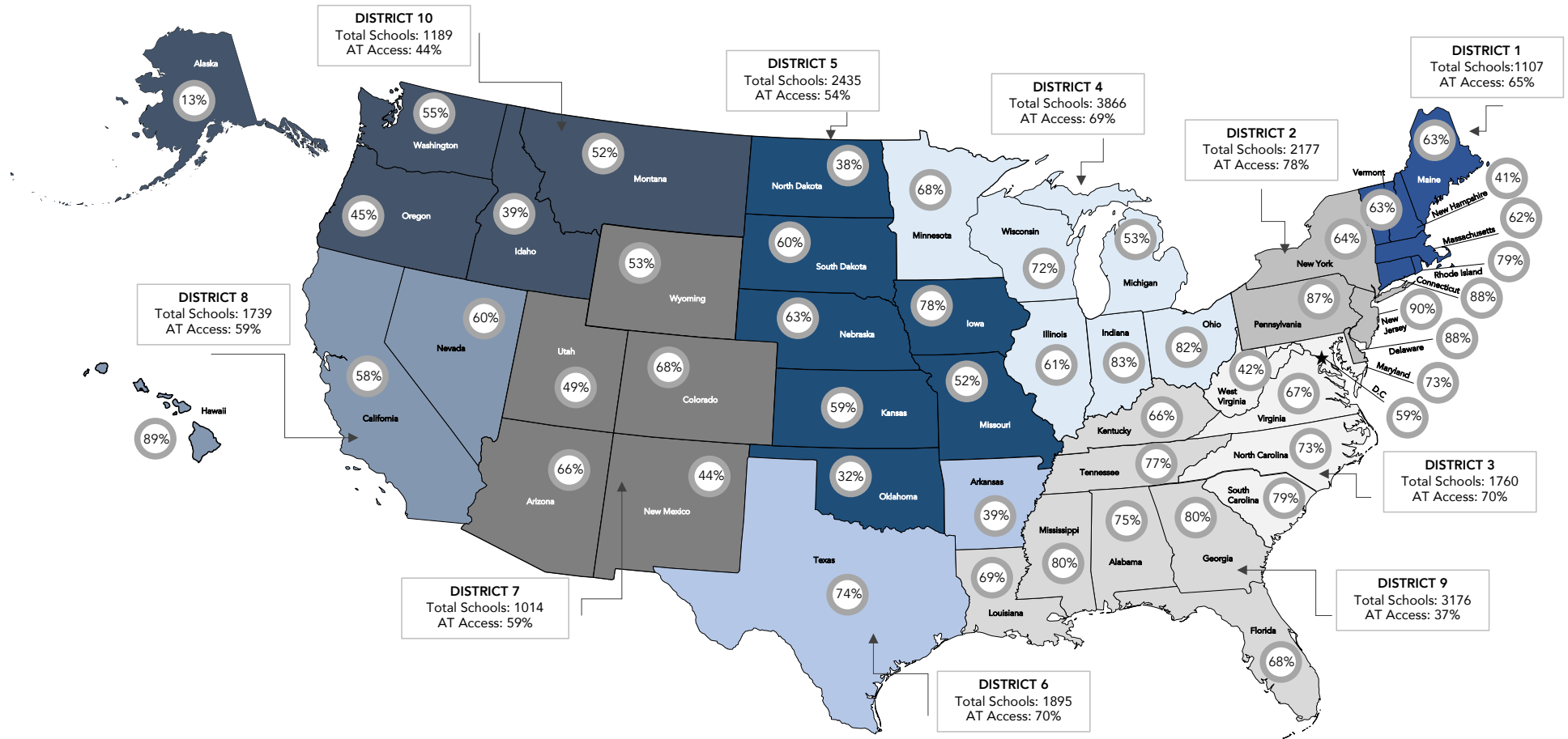


Figure 4. Access to Full-time Athletic Training Services by State and District

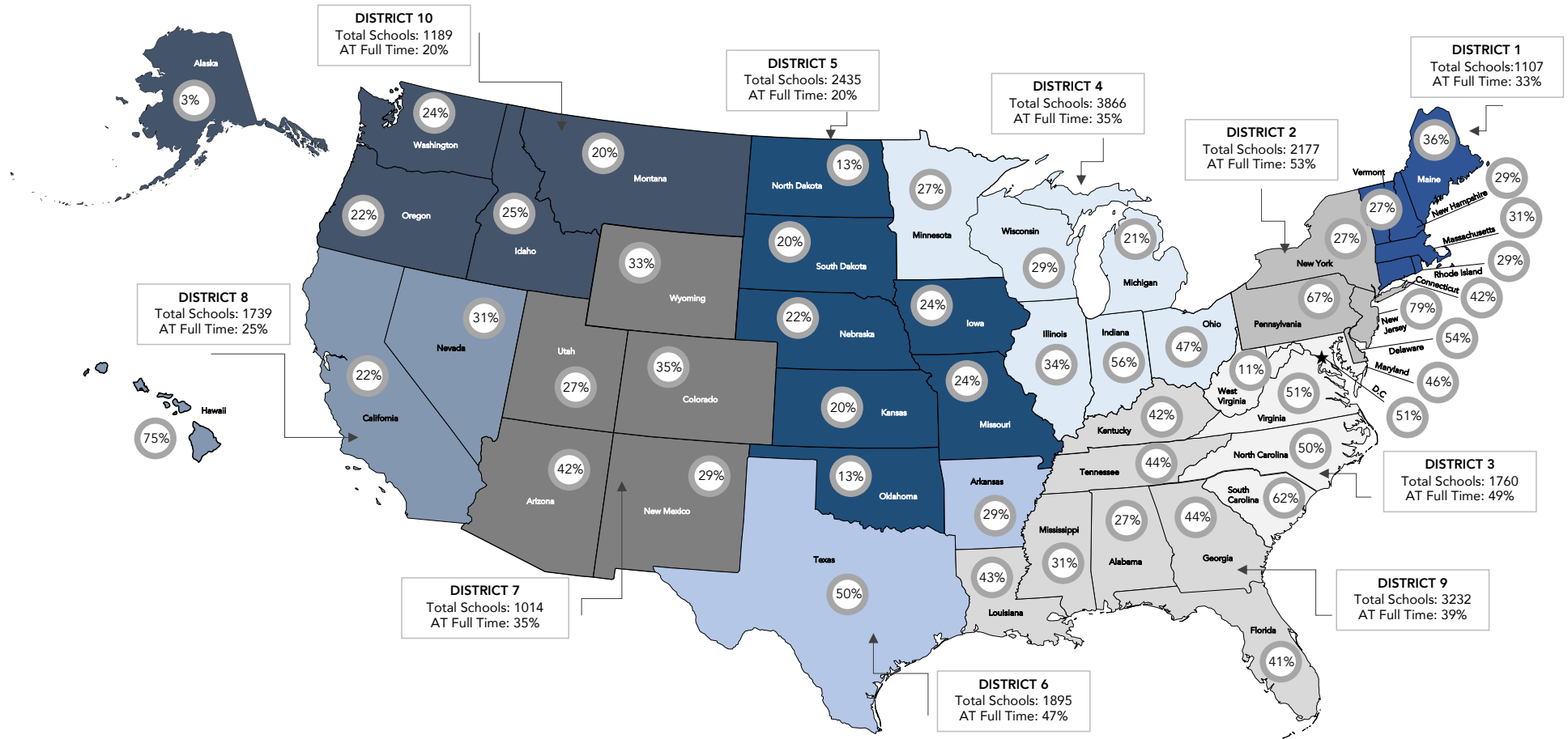


Figure 5. Access to Part-time Athletic Training Services by State and District

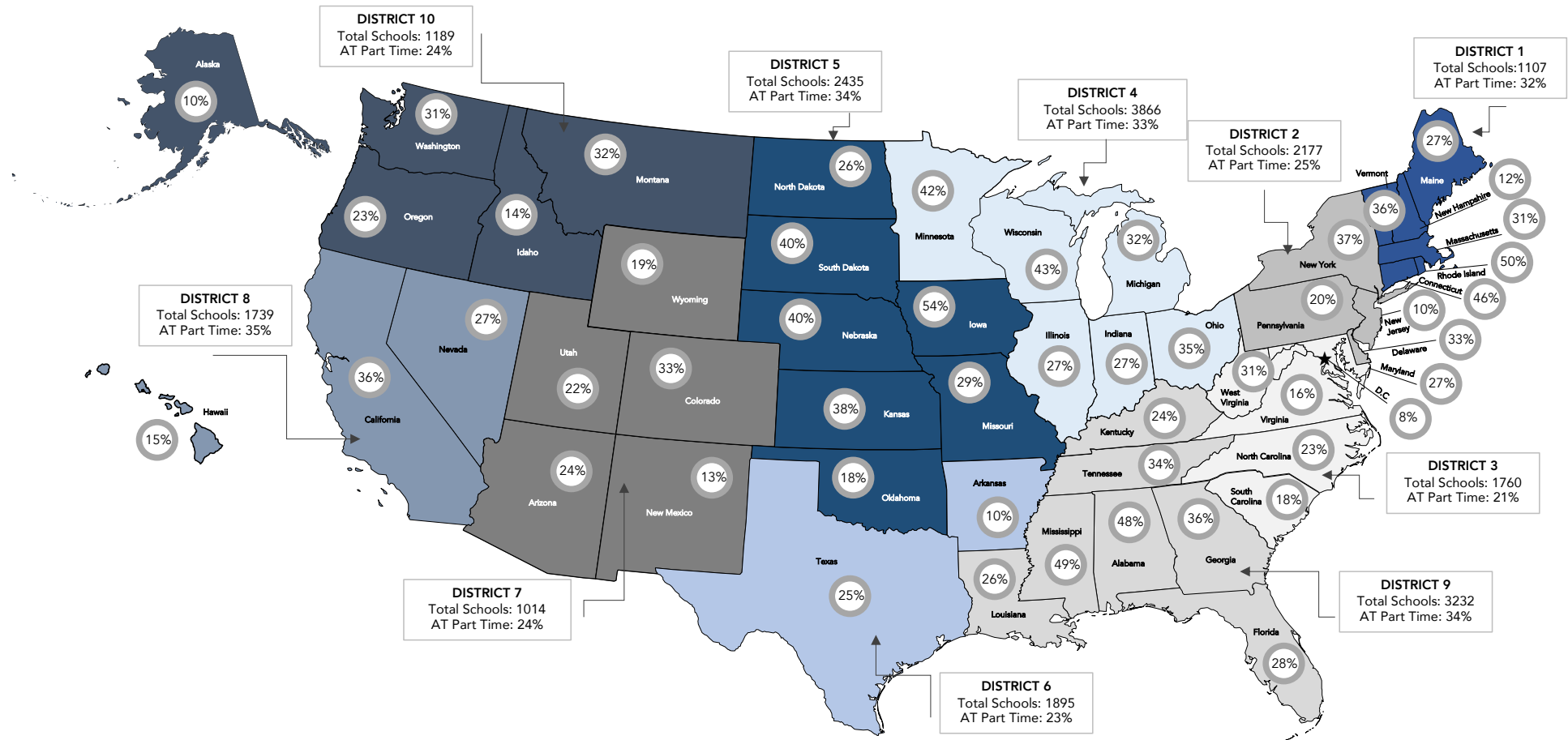
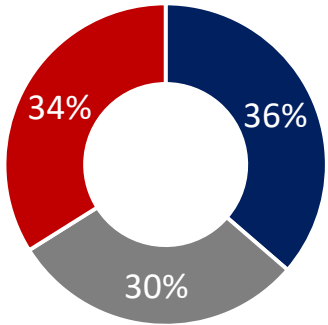


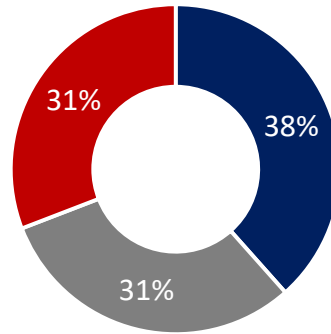
Figure 6. Athletic Training Services in US Secondary Schools

AT Services In US Secondary Schools



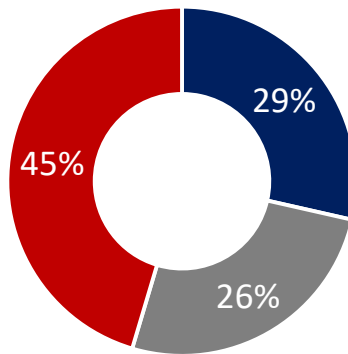
■ Full Time (%) ■ Part Time (%) ■ No AT Services (%)

AT Services In US Secondary Public Schools



■ Full Time (%) ■ Part Time (%) ■ No AT Services (%)

AT Services In US Secondary Private Schools



■ Full Time (%) ■ Part Time (%) ■ No AT Services (%)

Table 2. Athletic Training Services in US Public Secondary Schools, by State

State	Public Schools								
	Total Schools	AT Services	Full Time (n)	Part Time (n)	No AT Services	AT Services (%)	Full Time (%)	Part Time (%)	No AT Services (%)
Alabama	359	290	111	179	69	81%	31%	50%	19%
Alaska	147	19	3	16	128	13%	2%	11%	87%
Arizona	233	167	112	55	66	72%	48%	24%	28%
Arkansas	216	85	61	24	131	39%	28%	11%	61%
California	1091	644	254	390	447	59%	23%	36%	41%
Colorado	292	201	102	99	91	69%	35%	34%	31%
Connecticut	144	135	51	84	9	94%	35%	58%	6%
Delaware	32	32	18	14	0	100%	56%	44%	0%
District of Columbia	35	18	15	3	17	51%	43%	9%	49%
Florida	458	374	225	149	84	82%	49%	33%	18%
Georgia	401	361	195	166	40	90%	49%	41%	10%
Hawaii	45	43	41	2	2	96%	91%	4%	4%
Idaho	147	59	41	18	88	40%	28%	12%	60%
Illinois	686	424	243	181	262	62%	35%	26%	38%
Indiana	358	317	219	98	41	89%	61%	27%	11%
Iowa	313	246	74	172	67	79%	24%	55%	21%
Kansas	330	201	69	132	129	61%	21%	40%	39%
Kentucky	229	158	102	56	71	69%	45%	24%	31%
Louisiana	296	217	126	91	79	73%	43%	31%	27%
Maine	117	74	41	33	43	63%	35%	28%	37%
Maryland	187	148	89	59	39	79%	48%	32%	21%
Massachusetts	316	190	94	96	126	60%	30%	30%	40%
Michigan	663	374	145	229	289	56%	22%	35%	44%
Minnesota	380	265	102	163	115	70%	27%	43%	30%
Mississippi	242	202	85	117	40	83%	35%	48%	17%
Missouri	499	259	118	141	240	52%	24%	28%	48%
Montana	165	86	34	52	79	52%	21%	32%	48%
Nebraska	260	156	54	102	104	60%	21%	39%	40%
Nevada	85	54	30	24	31	64%	35%	28%	36%
New Hampshire	86	54	36	18	32	63%	42%	21%	37%
New Jersey	351	334	302	32	16	95%	86%	9%	5%
New Mexico	130	57	41	16	73	44%	32%	12%	56%
New York	759	486	206	280	273	64%	27%	37%	36%
North Carolina	413	322	231	91	91	78%	56%	22%	22%
North Dakota	147	54	18	36	93	37%	12%	24%	63%
Ohio	713	607	348	259	106	85%	49%	36%	15%
Oklahoma	456	142	59	83	314	31%	13%	18%	69%
Oregon	239	114	52	62	125	48%	22%	26%	52%
Pennsylvania	592	550	439	111	42	93%	74%	19%	7%
Rhode Island	44	33	8	25	11	75%	18%	57%	25%
South Carolina	204	184	148	36	20	90%	73%	18%	10%
South Dakota	150	87	28	59	63	58%	19%	39%	42%
Tennessee	321	259	147	112	62	81%	46%	35%	19%
Texas	1343	1075	754	321	267	80%	56%	24%	20%
Utah	129	82	45	37	47	64%	35%	29%	36%
Vermont	61	42	16	26	19	69%	26%	43%	31%
Virginia	314	254	201	53	60	81%	64%	17%	19%
Washington	326	192	86	106	134	59%	26%	33%	41%
West Virginia	114	48	13	35	66	42%	11%	31%	58%
Wisconsin	416	322	131	191	94	77%	31%	46%	23%
Wyoming	70	38	24	14	32	54%	34%	20%	46%
<b>National</b>	<b>16104</b>	<b>11135</b>	<b>6187</b>	<b>4948</b>	<b>4967</b>	<b>69%</b>	<b>38%</b>	<b>31%</b>	<b>31%</b>

Table 3. Athletic Training Services in US Secondary Private Schools, by State

State	Private Schools								
	Total Schools	AT Services	Full Time (n)	Part Time (n)	No AT Services	AT Services (%)	Full Time (%)	Part Time (%)	No AT Services (%)
Alabama	114	67	21	46	47	59%	18%	40%	41%
Alaska	9	2	2	0	7	22%	22%	0%	78%
Arizona	50	19	7	12	31	38%	14%	24%	62%
Arkansas	32	12	11	1	20	38%	34%	3%	63%
California	473	262	90	172	211	55%	19%	36%	45%
Colorado	38	23	14	9	15	61%	37%	24%	39%
Connecticut	67	51	38	13	16	76%	57%	19%	24%
Delaware	25	18	13	5	7	72%	52%	20%	28%
District of Columbia	14	11	10	1	3	79%	71%	7%	21%
Florida	277	128	74	54	149	46%	27%	19%	54%
Georgia	170	97	59	38	73	57%	35%	22%	43%
Hawaii	30	24	15	9	6	80%	50%	30%	20%
Idaho	22	7	2	5	15	32%	9%	23%	68%
Illinois	142	81	42	39	61	57%	30%	27%	43%
Indiana	79	47	27	20	32	59%	34%	25%	41%
Iowa	39	28	9	19	11	72%	23%	49%	28%
Kansas	38	15	6	9	23	39%	16%	24%	61%
Kentucky	59	31	18	13	28	53%	31%	22%	47%
Louisiana	112	66	49	17	46	59%	44%	15%	41%
Maine	30	18	12	6	12	60%	40%	20%	40%
Maryland	117	73	51	22	44	62%	44%	19%	38%
Massachusetts	113	76	39	37	37	67%	35%	33%	33%
Michigan	130	48	21	27	82	37%	16%	21%	63%
Minnesota	57	33	14	19	24	58%	25%	33%	42%
Mississippi	87	60	17	43	27	69%	20%	49%	31%
Missouri	104	57	24	33	47	55%	23%	32%	45%
Montana	11	5	1	4	6	45%	9%	36%	55%
Nebraska	37	30	12	18	7	81%	32%	49%	19%
Nevada	15	6	3	3	9	40%	20%	20%	60%
New Hampshire	88	18	15	3	70	20%	17%	3%	80%
New Jersey	91	63	49	14	28	69%	54%	15%	31%
New Mexico	22	10	6	4	12	45%	27%	18%	55%
New York	143	93	38	55	50	65%	27%	38%	35%
North Carolina	105	58	28	30	47	55%	27%	29%	45%
North Dakota	9	6	2	4	3	67%	22%	44%	33%
Ohio	151	102	60	42	49	68%	40%	28%	32%
Oklahoma	39	15	7	8	24	38%	18%	21%	62%
Oregon	48	14	10	4	34	29%	21%	8%	71%
Pennsylvania	184	124	82	42	60	67%	45%	23%	33%
Rhode Island	18	16	10	6	2	89%	56%	33%	11%
South Carolina	93	52	36	16	41	56%	39%	17%	44%
South Dakota	14	11	4	7	3	79%	29%	50%	21%
Tennessee	107	72	40	32	35	67%	37%	30%	33%
Texas	304	151	66	85	152	50%	22%	28%	50%
Utah	48	5	3	2	43	10%	6%	4%	90%
Vermont	23	11	7	4	12	48%	30%	17%	52%
Virginia	147	57	36	21	90	39%	24%	14%	61%
Washington	75	30	12	18	45	40%	16%	24%	60%
West Virginia	17	7	1	6	10	41%	6%	35%	59%
Wisconsin	91	43	17	26	48	47%	19%	29%	53%
Wyoming	2	0	0	0	2	0%	0%	0%	100%
<b>National</b>	<b>4310</b>	<b>2353</b>	<b>1230</b>	<b>1123</b>	<b>1956</b>	<b>55%</b>	<b>29%</b>	<b>26%</b>	<b>45%</b>

Table 4. Athletic Training Services in US Secondary Schools, Comparison

		Public and Private Schools Combined								
School Type	Year (AY)	Total Schools	AT Services	Full Time (n)	Part Time (n)	No AT Services	AT Services (%)	Full Time (%)	Part Time (%)	No AT Services
Public	2018	16104	11135	6187	4948	4967	69%	38%	31%	31%
Public	2017	16076	11171	5990	5181	4905	69%	37%	32%	31%
Private	2018	4310	2353	1230	1123	1956	55%	29%	26%	45%
Private	2017	4196	2302	1129	1173	1894	55%	27%	28%	45%
Public + Private	2018	20414	13488	7417	6071	6923	66%	36%	30%	34%
Public + Private	2017	20272	13473	7119	6354	6799	66%	35%	31%	34%

## Athletic Training Services by NATA District

Table 5. Athletic Training Services in US Secondary Schools, by NATA District

		Public and Private Schools								
NATA District	Total Schools (n)	AT Services (n)	Full Time (n)	Part Time (n)	No AT Services (n)	AT Services (%)	Full Time (%)	Part Time (%)	No AT Services (%)	
District 1	1107	718	367	351	389	65%	33%	32%	35%	
District 2	2177	1700	1147	553	476	78%	53%	25%	22%	
District 3	1760	1232	859	373	528	70%	49%	21%	30%	
District 4	3866	2663	1369	1294	1203	69%	35%	33%	31%	
District 5	2435	1307	484	823	1128	54%	20%	34%	46%	
District 6	1895	1323	892	431	570	70%	47%	23%	30%	
District 7	1014	602	354	248	412	59%	35%	24%	41%	
District 8	1739	1033	433	600	706	59%	25%	35%	41%	
District 9	3232	2382	1269	1113	850	74%	39%	34%	26%	
District 10	1189	528	243	285	661	44%	20%	24%	56%	
National	20414	13488	7417	6071	6923	66%	36%	30%	34%	

Table 6. Athletic Training Services in US Public Secondary Schools, by NATA District

		Public Schools								
NATA District	Total Schools (n)	AT Services (n)	Full Time (n)	Part Time (n)	No AT Services (n)	AT Services (%)	Full Time (%)	Part Time (%)	No AT Services (%)	
District 1	768	528	246	282	240	69%	32%	37%	31%	
District 2	1734	1402	965	437	331	81%	56%	25%	19%	
District 3	1267	974	697	277	293	77%	55%	22%	23%	
District 4	3216	2309	1188	1121	907	72%	37%	35%	28%	
District 5	2155	1145	420	725	1010	53%	19%	34%	47%	
District 6	1559	1160	815	345	398	74%	52%	22%	26%	
District 7	854	545	324	221	309	64%	38%	26%	36%	
District 8	1221	741	325	416	480	61%	27%	34%	39%	
District 9	2306	1861	991	870	445	81%	43%	38%	19%	
District 10	1024	470	216	254	554	46%	21%	25%	54%	
National	16104	11135	6187	4948	4967	69%	38%	31%	31%	



Table 7. Athletic Training Services in US Private Secondary Schools, by NATA District

NATA District	Private Schools								
	Total Schools (n)	AT Services (n)	Full Time (n)	Part Time (n)	No AT Services (n)	AT Services (%)	Full Time (%)	Part Time (%)	No AT Services (%)
District 1	339	190	121	69	149	56%	36%	20%	44%
District 2	443	298	182	116	145	67%	41%	26%	33%
District 3	493	258	162	96	235	52%	33%	19%	48%
District 4	650	354	181	173	296	54%	28%	27%	46%
District 5	280	162	64	98	118	58%	23%	35%	42%
District 6	336	163	77	86	172	49%	23%	26%	51%
District 7	160	57	30	27	103	36%	19%	17%	64%
District 8	518	292	108	184	226	56%	21%	36%	44%
District 9	926	521	278	243	405	56%	30%	26%	44%
District 10	165	58	27	31	107	35%	16%	19%	65%
National	4310	2353	1230	1123	1956	55%	29%	26%	45%

# Athletic Training Services by Locale, by State

Table 8. Athletic Training Services in US Secondary School Locales, by State

State	Total City Secondary Schools with Athletics (n)	AT Services in City Secondary Schools			Total Suburban Secondary Schools with Athletics (n)	AT Services in Suburban Secondary Schools			Total Town Secondary Schools with Athletics (n)	AT Services in Town Secondary Schools			Total Rural Secondary Schools with Athletics (n)	AT Services in Rural Secondary Schools			Total Missing Locales with Athletics (n)	AT Services in Schools with Missing Locales		
		Full Time (%)	Part Time (%)	None (%)		Full Time (%)	Part Time (%)	None (%)		Full Time (%)	Part Time (%)	None (%)		Full Time (%)	Part Time (%)	None (%)		Full Time (%)	Part Time (%)	None (%)
Alabama	73	34%	37%	29%	56	48%	41%	11%	51	37%	47%	16%	255	21%	53%	25%	38	18%	39%	42%
Alaska	11	36%	45%	18%	3	0%	0%	100%	16	0%	50%	50%	125	1%	2%	97%	1	0%	0%	100%
Arizona	97	54%	28%	19%	63	62%	25%	13%	41	29%	20%	51%	64	19%	19%	63%	18	22%	22%	56%
Arkansas	32	63%	9%	28%	10	40%	20%	40%	45	22%	16%	62%	124	12%	10%	78%	37	62%	3%	35%
California	641	24%	36%	40%	604	25%	41%	34%	124	10%	32%	57%	169	11%	22%	67%	26	35%	15%	50%
Colorado	81	37%	44%	19%	72	57%	31%	13%	38	32%	45%	24%	135	24%	22%	54%	4	25%	75%	0%
Connecticut	42	40%	43%	17%	109	48%	43%	9%	7	0%	71%	29%	43	30%	58%	12%	10	70%	20%	10%
Delaware	9	67%	22%	11%	27	48%	41%	11%	6	50%	33%	17%	13	54%	31%	15%	2	100%	0%	0%
District of Columbia	32	78%	13%	9%	0	0%	0%	0%	0	0%	0%	0%	0	0%	0%	0%	17	0%	0%	100%
Florida	186	41%	32%	27%	367	44%	26%	31%	36	31%	33%	36%	109	34%	28%	38%	37	38%	16%	46%
Georgia	104	55%	27%	18%	190	48%	31%	21%	73	45%	40%	15%	190	34%	43%	23%	14	50%	50%	0%
Hawaii	23	83%	9%	9%	19	74%	26%	0%	20	75%	5%	20%	9	67%	11%	22%	4	50%	50%	0%
Idaho	20	40%	10%	50%	20	55%	20%	25%	30	27%	20%	53%	91	14%	12%	74%	8	38%	0%	63%
Illinois	192	20%	17%	63%	224	67%	21%	13%	140	34%	50%	16%	228	19%	30%	51%	43	12%	5%	84%
Indiana	94	55%	16%	29%	78	71%	19%	10%	80	54%	35%	11%	176	53%	32%	15%	9	22%	44%	33%
Iowa	35	77%	14%	9%	14	64%	21%	14%	86	20%	58%	22%	203	12%	62%	26%	14	43%	50%	7%
Kansas	40	63%	20%	18%	23	48%	26%	26%	77	21%	51%	29%	223	9%	39%	52%	5	60%	40%	0%
Kentucky	49	47%	22%	31%	53	40%	34%	26%	77	36%	21%	43%	94	44%	23%	33%	15	47%	13%	40%
Louisiana	89	64%	24%	12%	74	61%	18%	22%	72	35%	25%	40%	156	24%	33%	44%	17	65%	29%	6%
Maine	11	64%	18%	18%	20	65%	25%	10%	21	48%	29%	24%	85	25%	27%	48%	10	20%	30%	50%
Maryland	63	43%	22%	35%	152	49%	26%	25%	14	43%	29%	29%	63	44%	30%	25%	12	42%	33%	25%

Massachusetts	88	19%	27%	53%	250	38%	34%	28%	8	25%	0%	75%	60	25%	27%	48%	23	17%	35%	48%
Michigan	121	23%	34%	43%	230	30%	34%	36%	91	24%	51%	25%	297	12%	28%	60%	54	20%	15%	65%
Minnesota	57	33%	35%	32%	76	51%	33%	16%	89	31%	49%	19%	209	14%	44%	43%	6	17%	33%	50%
Mississippi	20	30%	35%	35%	24	71%	21%	8%	71	31%	51%	18%	198	28%	51%	21%	16	13%	69%	19%
Missouri	75	35%	28%	37%	108	50%	34%	16%	99	24%	42%	33%	316	11%	23%	66%	5	80%	20%	0%
Montana	12	75%	25%	0%	0	0%	0%	0%	28	43%	25%	32%	136	10%	34%	56%	0	0%	0%	0%
Nebraska	34	74%	24%	3%	12	83%	17%	0%	47	34%	47%	19%	199	7%	44%	49%	5	20%	20%	60%
Nevada	27	59%	26%	15%	24	50%	38%	13%	16	13%	19%	69%	28	11%	21%	68%	5	0%	40%	60%
New Hampshire	14	43%	14%	43%	38	45%	16%	39%	31	29%	13%	58%	74	23%	12%	65%	17	12%	0%	88%
New Jersey	36	64%	11%	25%	347	80%	11%	9%	9	89%	0%	11%	45	84%	9%	7%	5	80%	20%	0%
New Mexico	32	53%	22%	25%	8	50%	25%	25%	33	36%	15%	48%	75	16%	8%	76%	4	50%	0%	50%
New York	183	22%	39%	38%	304	46%	43%	11%	100	20%	36%	44%	301	13%	31%	56%	14	36%	29%	36%
North Carolina	132	57%	24%	19%	109	61%	22%	17%	50	38%	34%	28%	219	42%	21%	37%	8	63%	38%	0%
North Dakota	12	83%	17%	0%	3	67%	0%	33%	15	27%	40%	33%	125	3%	26%	71%	1	0%	0%	100%
Ohio	123	36%	42%	22%	289	61%	29%	11%	134	41%	39%	20%	302	41%	36%	23%	16	69%	25%	6%
Oklahoma	44	32%	43%	25%	34	62%	21%	18%	82	18%	24%	57%	322	4%	14%	82%	13	15%	0%	85%
Oregon	57	53%	32%	16%	42	45%	26%	29%	69	12%	38%	51%	113	3%	10%	88%	6	33%	0%	67%
Pennsylvania	116	53%	30%	16%	327	80%	13%	8%	93	68%	17%	15%	220	54%	26%	20%	20	80%	15%	5%
Rhode Island	16	38%	31%	31%	38	24%	63%	13%	0	0%	0%	0%	6	17%	33%	50%	2	100%	0%	0%
South Carolina	46	76%	11%	13%	80	75%	10%	15%	37	62%	19%	19%	127	47%	24%	28%	7	86%	14%	0%
South Dakota	7	71%	14%	14%	1	0%	100%	0%	24	67%	17%	17%	127	9%	44%	47%	5	0%	80%	20%
Tennessee	137	40%	34%	26%	61	43%	33%	25%	60	35%	40%	25%	146	51%	29%	20%	24	46%	42%	13%
Texas	431	63%	21%	16%	287	74%	12%	14%	203	58%	24%	18%	688	30%	33%	38%	38	42%	18%	39%
Utah	20	25%	20%	55%	40	30%	20%	50%	25	24%	16%	60%	44	2%	7%	91%	48	50%	42%	8%
Vermont	4	50%	0%	50%	2	0%	100%	0%	21	43%	43%	14%	44	18%	27%	55%	13	31%	54%	15%
Virginia	95	57%	18%	25%	142	63%	13%	23%	47	45%	9%	47%	167	41%	20%	39%	10	40%	0%	60%
Washington	94	44%	41%	15%	116	32%	47%	21%	55	18%	24%	58%	131	6%	12%	82%	5	40%	20%	40%
West Virginia	15	13%	53%	33%	17	12%	35%	53%	29	17%	28%	55%	70	7%	27%	66%	0	0%	0%	0%
Wisconsin	88	36%	27%	36%	75	59%	24%	17%	94	29%	54%	17%	240	16%	52%	32%	10	60%	0%	40%
Wyoming	5	100%	0%	0%	0	0%	0%	0%	18	56%	22%	22%	48	17%	21%	63%	1	100%	0%	0%
<b>National</b>	<b>4065</b>	<b>43%</b>	<b>29%</b>	<b>29%</b>	<b>5262</b>	<b>52%</b>	<b>28%</b>	<b>20%</b>	<b>2732</b>	<b>34%</b>	<b>35%</b>	<b>31%</b>	<b>7632</b>	<b>23%</b>	<b>31%</b>	<b>47%</b>	<b>722</b>	<b>37%</b>	<b>24%</b>	<b>39%</b>

Table 9. Athletic Training Services in US Public Secondary School Locale, by State

State	Total Public City Secondary Schools with Athletics (n)	AT Services in City Secondary Schools			Total Public Suburban Secondary Schools with Athletics (n)	AT Services in Suburban Secondary			Total Public Town Secondary Schools with Athletics (n)	AT Services in Town Secondary			Total Public Rural Secondary Schools with Athletics (n)	AT Services in Rural Secondary			Total Public Missing Secondary Schools with Athletics (n)	AT Services in Schools with		
		Full Time (%)	Part Time (%)	None (%)		Full Time (%)	Part Time (%)	None (%)		Full Time (%)	Part Time (%)	None (%)		Full Time (%)	Part Time (%)	None (%)		Full Time (%)	Part Time (%)	None (%)
Alabama	41	41%	41%	17%	44	55%	39%	7%	44	41%	50%	9%	223	22%	54%	23%	7	29%	29%	43%
Alaska	7	29%	71%	0%	2	0%	0%	100%	14	0%	57%	43%	124	1%	2%	97%	0	0%	0%	0%
Arizona	77	62%	29%	9%	55	69%	22%	9%	39	31%	21%	49%	55	22%	18%	60%	7	29%	43%	29%
Arkansas	17	76%	12%	12%	6	67%	33%	0%	40	20%	18%	63%	116	11%	10%	78%	37	62%	3%	35%
California	412	25%	36%	39%	431	29%	41%	31%	105	11%	33%	55%	137	10%	23%	66%	6	33%	0%	67%
Colorado	63	38%	52%	10%	58	60%	31%	9%	37	32%	43%	24%	131	24%	22%	54%	3	0%	100%	0%
Connecticut	27	30%	59%	11%	78	47%	50%	3%	6	0%	83%	17%	28	14%	79%	7%	5	40%	40%	20%
Delaware	3	67%	33%	0%	15	47%	53%	0%	4	50%	50%	0%	10	70%	30%	0%	0	0%	0%	0%
District of Columbia	18	83%	17%	0%	0	0%	0%	0%	0	0%	0%	0%	0	0%	0%	0%	17	0%	0%	100%
Florida	104	51%	37%	13%	229	55%	30%	15%	32	34%	38%	28%	86	38%	33%	29%	7	29%	29%	43%
Georgia	61	52%	31%	16%	132	55%	36%	8%	61	51%	44%	5%	143	40%	49%	11%	6	67%	33%	0%
Hawaii	9	100%	0%	0%	15	93%	7%	0%	13	100%	0%	0%	8	63%	13%	25%	0	0%	0%	0%
Idaho	17	41%	12%	47%	13	85%	8%	8%	25	32%	20%	48%	85	14%	12%	74%	7	43%	0%	57%
Illinois	137	18%	10%	72%	170	78%	19%	3%	125	35%	52%	13%	217	19%	32%	49%	36	0%	0%	100%
Indiana	60	60%	13%	27%	63	78%	21%	2%	69	61%	33%	6%	163	56%	32%	12%	4	25%	50%	25%
Iowa	23	96%	4%	0%	11	82%	18%	0%	72	22%	58%	19%	195	11%	63%	27%	12	50%	42%	8%
Kansas	27	81%	15%	4%	16	63%	31%	6%	65	23%	54%	23%	218	9%	39%	51%	4	50%	50%	0%
Kentucky	28	46%	25%	29%	38	45%	29%	26%	71	38%	21%	41%	80	49%	28%	24%	13	54%	8%	38%
Louisiana	51	59%	29%	12%	43	77%	16%	7%	54	41%	26%	33%	136	25%	38%	38%	12	58%	33%	8%
Maine	7	71%	14%	14%	16	69%	25%	6%	17	53%	29%	18%	70	21%	30%	49%	7	14%	29%	57%
Maryland	39	33%	26%	41%	95	51%	32%	18%	10	50%	40%	10%	43	53%	37%	9%	2	0%	0%	100%

Massachusetts	62	16%	23%	61%	196	38%	35%	27%	8	25%	0%	75%	45	18%	27%	56%	5	0%	20%	80%
Michigan	82	21%	34%	45%	175	35%	39%	26%	86	26%	51%	23%	276	13%	30%	57%	44	23%	11%	66%
Minnesota	39	33%	44%	23%	55	60%	33%	7%	81	32%	48%	20%	200	15%	44%	42%	5	20%	40%	40%
Mississippi	13	38%	38%	23%	14	79%	21%	0%	54	39%	48%	13%	149	32%	50%	18%	12	8%	67%	25%
Missouri	43	37%	26%	37%	69	64%	30%	6%	89	26%	44%	30%	295	11%	24%	65%	3	100%	0%	0%
Montana	9	89%	11%	0%	0	0%	0%	0%	25	48%	24%	28%	131	11%	34%	55%	0	0%	0%	0%
Nebraska	21	81%	19%	0%	9	100%	0%	0%	37	38%	41%	22%	189	7%	43%	49%	4	0%	25%	75%
Nevada	23	70%	26%	4%	18	56%	44%	0%	16	13%	19%	69%	26	8%	23%	69%	2	0%	50%	50%
New Hampshire	6	50%	33%	17%	26	58%	19%	23%	17	41%	18%	41%	35	29%	23%	49%	2	50%	0%	50%
New Jersey	29	69%	10%	21%	276	87%	10%	3%	9	89%	0%	11%	36	92%	8%	0%	1	100%	0%	0%
New Mexico	21	57%	24%	19%	5	80%	20%	0%	30	40%	17%	43%	71	17%	7%	76%	3	33%	0%	67%
New York	120	20%	38%	43%	259	48%	44%	8%	90	21%	39%	40%	285	13%	31%	56%	5	40%	0%	60%
North Carolina	84	71%	18%	11%	80	73%	21%	6%	48	40%	35%	25%	196	46%	21%	33%	5	80%	20%	0%
North Dakota	8	100%	0%	0%	3	67%	0%	33%	10	40%	40%	20%	125	3%	26%	71%	1	0%	0%	100%
Ohio	81	33%	44%	22%	228	64%	29%	7%	117	44%	43%	13%	282	42%	38%	20%	5	60%	20%	20%
Oklahoma	29	34%	48%	17%	28	71%	21%	7%	78	19%	26%	55%	313	4%	14%	82%	8	13%	0%	88%
Oregon	40	58%	38%	5%	29	59%	38%	3%	61	13%	41%	46%	105	2%	10%	88%	4	50%	0%	50%
Pennsylvania	77	52%	34%	14%	242	91%	7%	2%	80	76%	15%	9%	183	61%	29%	10%	10	70%	20%	10%
Rhode Island	10	10%	50%	40%	28	21%	64%	14%	0	0%	0%	0%	6	17%	33%	50%	0	0%	0%	0%
South Carolina	28	93%	4%	4%	55	85%	13%	2%	26	77%	15%	8%	92	58%	25%	17%	3	67%	33%	0%
South Dakota	5	80%	20%	0%	1	0%	100%	0%	21	67%	19%	14%	121	8%	43%	49%	2	0%	50%	50%
Tennessee	91	40%	34%	26%	43	47%	37%	16%	52	40%	40%	19%	124	54%	30%	16%	11	27%	64%	9%
Texas	272	83%	15%	2%	217	90%	7%	3%	189	62%	25%	13%	647	31%	33%	35%	18	72%	11%	17%
Utah	7	57%	29%	14%	24	42%	33%	25%	21	29%	19%	52%	30	3%	10%	87%	47	51%	43%	6%
Vermont	2	50%	0%	50%	2	0%	100%	0%	15	40%	53%	7%	29	17%	31%	52%	13	31%	54%	15%
Virginia	52	81%	17%	2%	102	80%	16%	4%	38	50%	11%	39%	119	49%	20%	31%	4	0%	0%	100%
Washington	68	50%	46%	4%	84	39%	55%	6%	49	18%	27%	55%	120	7%	13%	81%	5	40%	20%	40%
West Virginia	8	13%	63%	25%	14	14%	43%	43%	27	19%	26%	56%	65	8%	26%	66%	0	0%	0%	0%
Wisconsin	46	50%	28%	22%	62	68%	21%	11%	78	32%	58%	10%	222	16%	55%	29%	8	63%	0%	38%
Wyoming	5	100%	0%	0%	0	0%	0%	0%	17	59%	24%	18%	47	17%	21%	62%	1	100%	0%	0%
<b>National</b>	<b>2609</b>	<b>47%</b>	<b>29%</b>	<b>24%</b>	<b>3874</b>	<b>60%</b>	<b>28%</b>	<b>12%</b>	<b>2372</b>	<b>37%</b>	<b>36%</b>	<b>27%</b>	<b>6832</b>	<b>23%</b>	<b>32%</b>	<b>45%</b>	<b>423</b>	<b>37%</b>	<b>22%</b>	<b>42%</b>

Table 10. Athletic Training Services in US Private Secondary School Locale, by State

State	Total Private City Secondary Schools with Athletics (n)	AT Services in City Secondary Schools			Total Private Suburban Secondary Schools with Athletics (n)	AT Services in Suburban Secondary Schools			Total Private Town Secondary Schools with Athletics (n)	AT Services in Town Secondary Schools			Total Private Rural Secondary Schools with Athletics (n)	AT Services in Rural Secondary Schools			Total Private Missing Secondary Schools with Athletics (n)	AT Services in Schools with Missing Locales		
		Full Time (%)	Part Time (%)	None (%)		Full Time (%)	Part Time (%)	None (%)		Full Time (%)	Part Time (%)	None (%)		Full Time (%)	Part Time (%)	None (%)		Full Time (%)	Part Time (%)	None (%)
Alabama	32	25%	31%	44%	12	25%	50%	25%	7	14%	29%	57%	32	13%	47%	41%	31	16%	42%	42%
Alaska	4	50%	0%	50%	1	0%	0%	100%	2	0%	0%	100%	1	0%	0%	100%	1	0%	0%	100%
Arizona	20	20%	25%	55%	8	13%	50%	38%	2	0%	0%	100%	9	0%	22%	78%	11	18%	9%	73%
Arkansas	15	47%	7%	47%	4	0%	0%	100%	5	40%	0%	60%	8	25%	0%	75%	0	0%	0%	0%
California	229	23%	37%	40%	173	14%	43%	43%	19	5%	26%	68%	32	16%	16%	69%	20	35%	20%	45%
Colorado	18	33%	17%	50%	14	43%	29%	29%	1	0%	100%	0%	4	25%	25%	50%	1	100%	0%	0%
Connecticut	15	60%	13%	27%	31	48%	26%	26%	1	0%	0%	100%	15	60%	20%	20%	5	100%	0%	0%
Delaware	6	67%	17%	17%	12	50%	25%	25%	2	50%	0%	50%	3	0%	33%	67%	2	100%	0%	0%
District of Columbia	14	71%	7%	21%	0	0%	0%	0%	0	0%	0%	0%	0	0%	0%	0%	0	0%	0%	0%
Florida	82	28%	27%	45%	138	25%	18%	57%	4	0%	0%	100%	23	17%	13%	70%	30	40%	13%	47%
Georgia	43	58%	21%	21%	58	33%	17%	50%	12	17%	17%	67%	47	17%	26%	57%	8	38%	63%	0%
Hawaii	14	71%	14%	14%	4	0%	100%	0%	7	29%	14%	57%	1	100%	0%	0%	4	50%	50%	0%
Idaho	3	33%	0%	67%	7	0%	43%	57%	5	0%	20%	80%	6	17%	17%	67%	1	0%	0%	100%
Illinois	55	24%	35%	42%	54	33%	24%	43%	15	27%	33%	40%	11	18%	0%	82%	7	71%	29%	0%
Indiana	34	47%	21%	32%	15	40%	13%	47%	11	9%	45%	45%	13	23%	31%	46%	5	20%	40%	40%
Iowa	12	42%	33%	25%	3	0%	33%	67%	14	7%	57%	36%	8	38%	50%	13%	2	0%	100%	0%
Kansas	13	23%	31%	46%	7	14%	14%	71%	12	8%	33%	58%	5	0%	0%	100%	1	100%	0%	0%
Kentucky	21	48%	19%	33%	15	27%	47%	27%	6	17%	17%	67%	14	14%	0%	86%	2	0%	50%	50%
Louisiana	38	71%	16%	13%	31	39%	19%	42%	18	17%	22%	61%	20	15%	0%	85%	5	80%	20%	0%
Maine	4	50%	25%	25%	4	50%	25%	25%	4	25%	25%	50%	15	40%	13%	47%	3	33%	33%	33%
Maryland	24	58%	17%	25%	57	46%	18%	37%	4	25%	0%	75%	20	25%	15%	60%	10	50%	40%	10%

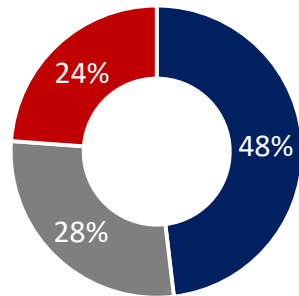
Massachusetts	26	27%	38%	35%	54	39%	30%	31%	0	0%	0%	0%	15	47%	27%	27%	18	22%	39%	39%
Michigan	39	28%	33%	38%	55	15%	16%	69%	5	0%	40%	60%	21	5%	0%	95%	10	10%	30%	60%
Minnesota	18	33%	17%	50%	21	29%	33%	38%	8	25%	63%	13%	9	0%	44%	56%	1	0%	0%	100%
Mississippi	7	14%	29%	57%	10	60%	20%	20%	17	6%	59%	35%	49	16%	53%	31%	4	25%	75%	0%
Missouri	32	31%	31%	38%	39	26%	41%	33%	10	10%	30%	60%	21	10%	14%	76%	2	50%	50%	0%
Montana	3	33%	67%	0%	0	0%	0%	0%	3	0%	33%	67%	5	0%	20%	80%	0	0%	0%	0%
Nebraska	13	62%	31%	8%	3	33%	67%	0%	10	20%	70%	10%	10	0%	50%	50%	1	100%	0%	0%
Nevada	4	0%	25%	75%	6	33%	17%	50%	0	0%	0%	0%	2	50%	0%	50%	3	0%	33%	67%
New Hampshire	8	38%	0%	63%	12	17%	8%	75%	14	14%	7%	79%	39	18%	3%	79%	15	7%	0%	93%
New Jersey	7	43%	14%	43%	71	54%	15%	31%	0	0%	0%	0%	9	56%	11%	33%	4	75%	25%	0%
New Mexico	11	45%	18%	36%	3	0%	33%	67%	3	0%	0%	100%	4	0%	25%	75%	1	100%	0%	0%
New York	63	27%	43%	30%	45	33%	40%	27%	10	10%	10%	80%	16	13%	31%	56%	9	33%	44%	22%
North Carolina	48	31%	35%	33%	29	31%	24%	45%	2	0%	0%	100%	23	13%	17%	70%	3	33%	67%	0%
North Dakota	4	50%	50%	0%	0	0%	0%	0%	5	0%	40%	60%	0	0%	0%	0%	0	0%	0%	0%
Ohio	42	40%	38%	21%	61	46%	28%	26%	17	18%	12%	71%	20	20%	20%	60%	11	73%	27%	0%
Oklahoma	15	27%	33%	40%	6	17%	17%	67%	4	0%	0%	100%	9	11%	22%	67%	5	20%	0%	80%
Oregon	17	41%	18%	41%	13	15%	0%	85%	8	0%	13%	88%	8	13%	0%	88%	2	0%	0%	100%
Pennsylvania	39	56%	23%	21%	85	48%	27%	25%	13	15%	31%	54%	37	22%	14%	65%	10	90%	10%	0%
Rhode Island	6	83%	0%	17%	10	30%	60%	10%	0	0%	0%	0%	0	0%	0%	0%	2	100%	0%	0%
South Carolina	18	50%	22%	28%	25	52%	4%	44%	11	27%	27%	45%	35	20%	23%	57%	4	100%	0%	0%
South Dakota	2	50%	0%	50%	0	0%	0%	0%	3	67%	0%	33%	6	17%	67%	17%	3	0%	100%	0%
Tennessee	46	41%	35%	24%	18	33%	22%	44%	8	0%	38%	63%	22	32%	27%	41%	13	62%	23%	15%
Texas	159	27%	32%	41%	70	26%	26%	49%	14	7%	7%	86%	41	2%	27%	71%	20	15%	25%	60%
Utah	13	8%	15%	77%	16	13%	0%	88%	4	0%	0%	100%	14	0%	0%	100%	1	0%	0%	100%
Vermont	2	50%	0%	50%	0	0%	0%	0%	6	50%	17%	33%	15	20%	20%	60%	0	0%	0%	0%
Virginia	43	28%	19%	53%	40	20%	8%	73%	9	22%	0%	78%	48	21%	21%	58%	6	67%	0%	33%
Washington	26	27%	31%	42%	32	13%	28%	59%	6	17%	0%	83%	11	0%	9%	91%	0	0%	0%	0%
West Virginia	7	14%	43%	43%	3	0%	0%	100%	2	0%	50%	50%	5	0%	40%	60%	0	0%	0%	0%
Wisconsin	42	21%	26%	52%	13	15%	38%	46%	16	13%	38%	50%	18	17%	22%	61%	2	50%	0%	50%
Wyoming	0	0%	0%	0%	0	0%	0%	0%	1	0%	0%	100%	1	0%	0%	100%	0	0%	0%	0%
<b>National</b>	<b>1456</b>	<b>34%</b>	<b>29%</b>	<b>37%</b>	<b>1388</b>	<b>31%</b>	<b>26%</b>	<b>44%</b>	<b>360</b>	<b>14%</b>	<b>26%</b>	<b>60%</b>	<b>800</b>	<b>18%</b>	<b>21%</b>	<b>61%</b>	<b>299</b>	<b>38%</b>	<b>26%</b>	<b>36%</b>

Table 11. National Athletic Training Services in US Secondary School Locale Comparison

School Type	Year (AY)	Total City Secondary Schools with Athletics (n)	AT Services in City Secondary Schools			Total Suburban Secondary Schools with Athletics (n)	AT Services in Suburban Secondary Schools			Total Town Secondary Schools with Athletics (n)	AT Services in Town Secondary Schools			Total Rural Secondary Schools with Athletics (n)	AT Services in Rural Secondary Schools			Total Missing Locales Secondary Schools with Athletics (n)	AT Services in Schools with Missing Locales		
			Full Time (%)	Part Time (%)	None (%)		Full Time (%)	Part Time (%)	None (%)		Full Time (%)	Part Time (%)	None (%)		Full Time (%)	Part Time (%)	None (%)		Full Time (%)	Part Time (%)	None (%)
Public	2018	2609	43%	29%	29%	3874	60%	28%	12%	2372	37%	36%	27%	6832	23%	32%	45%	423	37%	22%	42%
Public	2017	2575	53%	31%	16%	3889	55%	29%	10%	2394	36%	33%	26%	6847	24%	30%	44%	372	36%	23%	25%
Private	2018	1456	34%	29%	37%	1388	31%	26%	44%	360	14%	26%	60%	800	18%	21%	61%	299	38%	26%	36%
Private	2017	1437	36%	26%	36%	1360	22%	26%	40%	359	13%	22%	56%	799	16%	23%	55%	241	39%	22%	23%
Public + Private	2018	4065	43%	29%	29%	5262	52%	28%	20%	2732	34%	35%	31%	7632	23%	31%	47%	722	37%	24%	39%
Public + Private	2017	4012	48%	28%	24%	5249	47%	29%	19%	2753	33%	32%	31%	7646	22%	29%	47%	613	40%	27%	27%

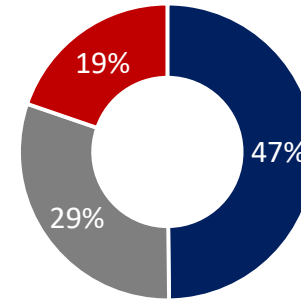
Figure 7. AT Services by Locale

AT Services By Locale In US City Secondary Schools



■ Full Time (%) ■ Part Time (%) ■ None (%)

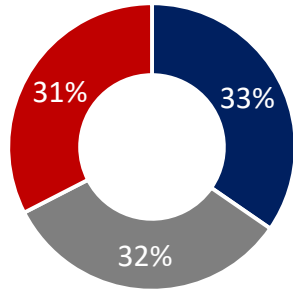
AT Services By Locale In US Suburban Secondary Schools



■ Full Time (%) ■ Part Time (%) ■ None (%)

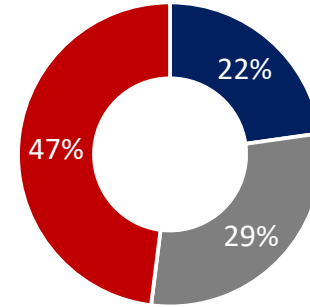


AT Services By Locale In US **Town**  
Secondary Schools



■ Full Time (%) ■ Part Time (%) ■ None (%)

AT Services By Locale In US **Rural**  
Secondary Schools



■ Full Time (%) ■ Part Time (%) ■ None (%)

# Athletic Training Services by Locale, by NATA District

Table 12. Athletic Training Services in US Secondary School Locales, by NATA District

NATA District	Total City Secondary Schools with Athletics (n)	AT Services in City Secondary Schools			Total Suburban Secondary Schools with Athletics (n)	AT Services in Suburban Secondary Schools			Total Town Secondary Schools with Athletics (n)	AT Services in Town Secondary Schools			Total Rural Secondary Schools with Athletics (n)	AT Services in Rural Secondary Schools			Total Missing Locales Secondary Schools with Athletics (n)	AT Services in Schools with Missing Locales		
		Full Time (%)	Part Time (%)	None (%)		Full Time (%)	Part Time (%)	None (%)		Full Time (%)	Part Time (%)	None (%)		Full Time (%)	Part Time (%)	None (%)		Full Time (%)	Part Time (%)	None (%)
District 1	175	42%	22%	35%	457	37%	47%	17%	88	24%	26%	33%	312	23%	31%	46%	75	42%	23%	35%
District 2	344	55%	20%	25%	1005	58%	23%	20%	208	52%	23%	25%	579	47%	24%	29%	41	61%	14%	25%
District 3	383	50%	25%	25%	500	29%	40%	15%	177	30%	17%	36%	646	12%	22%	49%	54	21%	28%	51%
District 4	675	28%	38%	34%	972	41%	32%	27%	628	26%	40%	34%	1452	24%	32%	43%	138	25%	28%	30%
District 5	247	46%	27%	26%	195	57%	26%	17%	430	38%	41%	22%	1515	25%	36%	40%	48	52%	27%	22%
District 6	463	66%	18%	16%	297	40%	11%	15%	248	43%	26%	31%	812	21%	25%	54%	75	35%	27%	21%
District 7	235	46%	22%	32%	183	50%	38%	12%	155	34%	38%	29%	366	19%	29%	52%	75	46%	24%	31%
District 8	691	49%	26%	25%	647	48%	20%	14%	160	31%	26%	42%	206	18%	24%	57%	35	18%	11%	54%
District 9	658	48%	23%	20%	825	50%	24%	19%	440	28%	29%	36%	1148	18%	21%	54%	161	26%	18%	53%
District 10	194	47%	22%	16%	181	48%	20%	16%	198	34%	20%	29%	596	28%	24%	31%	20	34%	21%	12%
<b>National</b>	<b>4065</b>	<b>43%</b>	<b>29%</b>	<b>29%</b>	<b>5262</b>	<b>52%</b>	<b>28%</b>	<b>20%</b>	<b>2732</b>	<b>34%</b>	<b>35%</b>	<b>31%</b>	<b>7632</b>	<b>23%</b>	<b>31%</b>	<b>47%</b>	<b>722</b>	<b>37%</b>	<b>24%</b>	<b>39%</b>

Table 13. Athletic Training Services in US Public Secondary School Locales, by NATA District

NATA District	Total City Secondary Schools with Athletics (n)	AT Services in City Secondary Schools			Total Suburban Secondary Schools with Athletics (n)	AT Services in Suburban Secondary Schools			Total Town Secondary Schools with Athletics (n)	AT Services in Town Secondary Schools			Total Rural Secondary Schools with Athletics (n)	AT Services in Rural Secondary Schools			Total Missing Locales Secondary Schools with Athletics (n)	AT Services in Schools with Missing Locales		
		Full Time (%)	Part Time (%)	None (%)		Full Time (%)	Part Time (%)	None (%)		Full Time (%)	Part Time (%)	None (%)		Full Time (%)	Part Time (%)	None (%)		Full Time (%)	Part Time (%)	None (%)
District 1	114	38%	30%	32%	346	39%	49%	12%	63	27%	31%	26%	213	19%	37%	44%	32	23%	24%	37%
District 2	229	52%	29%	19%	792	68%	29%	3%	183	59%	26%	15%	514	59%	24%	17%	16	53%	5%	18%
District 3	229	62%	24%	14%	346	51%	21%	12%	149	39%	21%	23%	515	36%	22%	26%	31	24%	9%	50%
District 4	445	36%	29%	35%	753	64%	27%	9%	556	38%	48%	14%	1360	27%	38%	35%	102	32%	20%	48%
District 5	156	73%	19%	8%	137	64%	29%	8%	372	34%	40%	26%	1456	8%	36%	56%	34	30%	24%	46%
District 6	289	80%	13%	7%	223	78%	20%	1%	229	41%	21%	38%	763	21%	22%	57%	55	67%	7%	26%
District 7	173	63%	27%	10%	142	50%	21%	9%	144	38%	25%	37%	334	17%	16%	68%	61	43%	37%	20%
District 8	444	65%	21%	15%	464	59%	31%	10%	134	41%	17%	41%	171	27%	20%	54%	8	11%	17%	39%
District 9	389	47%	34%	19%	543	59%	30%	11%	368	41%	38%	21%	941	37%	40%	23%	68	39%	37%	24%
District 10	141	53%	35%	11%	128	37%	20%	23%	174	22%	34%	44%	565	7%	14%	79%	16	27%	4%	29%
<b>National</b>	<b>2609</b>	<b>47%</b>	<b>29%</b>	<b>24%</b>	<b>3874</b>	<b>60%</b>	<b>28%</b>	<b>12%</b>	<b>2372</b>	<b>37%</b>	<b>36%</b>	<b>27%</b>	<b>6832</b>	<b>23%</b>	<b>32%</b>	<b>45%</b>	<b>423</b>	<b>37%</b>	<b>22%</b>	<b>42%</b>

Table 14. Athletic Training Services in US Private Secondary School Locales, by NATA District

NATA District	Total City Secondary Schools with Athletics (n)	AT Services in City Secondary Schools			Total Suburban Secondary Schools with Athletics (n)	AT Services in Suburban Secondary Schools			Total Town Secondary Schools with Athletics (n)	AT Services in Town Secondary Schools			Total Rural Secondary Schools with Athletics (n)	AT Services in Rural Secondary Schools			Total Missing Locales Secondary Schools with Athletics (n)	AT Services in Schools with Missing Locales		
		Full Time (%)	Part Time (%)	None (%)		Full Time (%)	Part Time (%)	None (%)		Full Time (%)	Part Time (%)	None (%)		Full Time (%)	Part Time (%)	None (%)		Full Time (%)	Part Time (%)	None (%)
District 1	61	51%	13%	36%	111	31%	25%	28%	25	15%	8%	44%	99	31%	14%	39%	43	44%	12%	28%
District 2	115	48%	24%	28%	213	46%	27%	27%	25	19%	10%	46%	65	22%	22%	55%	25	75%	20%	6%
District 3	154	42%	24%	34%	154	25%	9%	50%	28	12%	13%	58%	131	13%	19%	51%	23	42%	18%	7%
District 4	230	32%	28%	39%	219	30%	26%	45%	72	15%	38%	46%	92	14%	20%	67%	36	37%	21%	42%
District 5	91	41%	30%	29%	58	13%	25%	34%	58	16%	33%	51%	59	11%	29%	46%	14	39%	36%	11%
District 6	174	37%	19%	44%	74	13%	13%	74%	19	24%	4%	73%	49	14%	13%	73%	20	8%	13%	30%
District 7	62	21%	15%	44%	41	14%	22%	44%	11	0%	20%	80%	32	5%	14%	81%	14	44%	2%	35%
District 8	247	32%	25%	43%	183	16%	53%	31%	26	11%	14%	42%	35	55%	5%	40%	27	28%	34%	37%
District 9	269	41%	25%	34%	282	35%	28%	38%	72	10%	26%	64%	207	18%	24%	59%	93	37%	41%	22%
District 10	53	37%	23%	40%	53	6%	14%	60%	24	3%	13%	84%	31	6%	9%	85%	4	0%	0%	60%
<b>National</b>	<b>1456</b>	<b>34%</b>	<b>29%</b>	<b>37%</b>	<b>1388</b>	<b>31%</b>	<b>26%</b>	<b>44%</b>	<b>360</b>	<b>14%</b>	<b>26%</b>	<b>60%</b>	<b>800</b>	<b>18%</b>	<b>21%</b>	<b>61%</b>	<b>299</b>	<b>38%</b>	<b>26%</b>	<b>36%</b>

Table 15. Employment Model in US Secondary Schools, by State

State	Schools with Access to AT Services	% ATLAS Survey Complete	# Completed ATLAS Surveys	Employment Provider				
				School District Employee	School District Teacher	Medical or University Facility	Independent Contractor	Employment Unknown
Alabama	357	33%	119	8%	6%	76%	9%	2%
Alaska	21	33%	7	0%	0%	86%	14%	0%
Arizona	186	66%	122	35%	35%	24%	1%	5%
Arkansas	97	82%	80	16%	19%	63%	1%	1%
California	906	42%	385	44%	20%	23%	12%	2%
Colorado	224	54%	120	33%	13%	50%	3%	2%
Connecticut	186	61%	113	31%	7%	53%	6%	3%
Delaware	50	80%	40	20%	15%	50%	10%	5%
District of Columbia	29	100%	29	79%	7%	0%	7%	7%
Florida	502	88%	444	24%	14%	45%	6%	11%
Georgia	458	54%	247	17%	6%	69%	5%	3%
Hawaii	67	63%	42	79%	0%	17%	0%	5%
Idaho	66	64%	42	17%	14%	69%	0%	0%
Illinois	504	43%	215	19%	2%	75%	4%	0%
Indiana	364	75%	274	7%	2%	86%	3%	2%
Iowa	274	32%	87	11%	0%	85%	3%	0%
Kansas	216	43%	93	13%	1%	77%	8%	1%
Kentucky	189	54%	103	12%	2%	83%	2%	1%
Louisiana	283	77%	218	12%	10%	74%	4%	0%
Maine	92	100%	92	27%	8%	52%	10%	3%
Maryland	221	71%	157	31%	4%	58%	4%	3%
Massachusetts	266	48%	128	57%	2%	30%	3%	7%
Michigan	422	63%	266	10%	0%	80%	6%	4%
Minnesota	298	63%	189	2%	1%	94%	2%	2%
Mississippi	262	40%	104	6%	3%	88%	2%	1%
Missouri	316	58%	182	15%	2%	73%	7%	4%
Montana	91	67%	61	13%	2%	75%	8%	2%
Nebraska	186	44%	81	26%	2%	63%	6%	2%
Nevada	60	70%	42	26%	2%	60%	12%	0%
New Hampshire	72	92%	66	35%	6%	55%	3%	2%
New Jersey	398	63%	249	86%	2%	4%	2%	7%
New Mexico	67	52%	35	86%	11%	0%	3%	0%
New York	579	45%	261	34%	7%	50%	6%	3%
North Carolina	380	74%	282	10%	24%	60%	4%	2%
North Dakota	60	62%	37	3%	3%	95%	0%	0%
Ohio	709	51%	363	2%	4%	90%	1%	2%
Oklahoma	157	78%	123	26%	15%	52%	6%	2%
Oregon	128	71%	91	27%	3%	59%	10%	0%
Pennsylvania	674	66%	443	22%	5%	67%	4%	2%
Rhode Island	49	65%	32	19%	6%	59%	13%	3%
South Carolina	236	73%	172	10%	20%	60%	6%	2%
South Dakota	98	66%	65	2%	0%	82%	14%	3%
Tennessee	331	61%	203	12%	3%	79%	2%	2%
Texas	1228	51%	626	51%	34%	12%	2%	1%
Utah	87	82%	71	8%	25%	62%	4%	0%
Vermont	53	100%	53	36%	6%	47%	8%	4%
Virginia	311	67%	208	39%	26%	32%	1%	1%
Washington	222	79%	176	12%	26%	56%	5%	2%
West Virginia	55	31%	17	29%	12%	47%	6%	6%
Wisconsin	365	36%	132	2%	0%	94%	1%	4%
Wyoming	38	79%	30	13%	27%	47%	0%	13%
<b>National</b>	<b>13490</b>	<b>58%</b>	<b>7817</b>	<b>25%</b>	<b>11%</b>	<b>57%</b>	<b>4%</b>	<b>3%</b>

Table 16. Employment Model in US Public Secondary Schools, by State

State	Schools with Access to AT Services	% ATLAS Survey Complete	# Completed ATLAS Surveys	Employment Provider				
				School District Employee	School District Teacher	Medical or University Facility	Independent Contractor	Employment Unknown
Alabama	290	35%	102	9%	6%	75%	11%	0%
Alaska	19	26%	5	0%	0%	80%	20%	0%
Arizona	167	68%	113	36%	35%	71%	4%	1%
Arkansas	85	82%	70	17%	20%	60%	1%	1%
California	644	45%	292	39%	18%	27%	13%	2%
Colorado	201	56%	112	33%	12%	51%	3%	2%
Connecticut	135	57%	77	19%	0%	70%	6%	4%
Delaware	32	88%	28	25%	11%	46%	14%	4%
District of Columbia	18	100%	18	89%	0%	0%	0%	11%
Florida	374	92%	344	21%	15%	47%	5%	11%
Georgia	361	53%	190	11%	8%	73%	4%	4%
Hawaii	43	58%	25	96%	0%	0%	0%	4%
Idaho	59	68%	40	15%	15%	70%	0%	0%
Illinois	424	44%	188	19%	3%	74%	4%	0%
Indiana	317	76%	241	7%	2%	85%	3%	2%
Iowa	246	30%	75	9%	0%	87%	4%	0%
Kansas	201	44%	88	14%	1%	78%	6%	1%
Kentucky	158	56%	88	12%	2%	83%	2%	0%
Louisiana	217	77%	167	13%	11%	72%	3%	1%
Maine	74	100%	74	24%	3%	61%	8%	4%
Maryland	148	71%	105	13%	1%	76%	6%	4%
Massachusetts	190	53%	100	54%	3%	32%	3%	8%
Michigan	374	64%	241	10%	0%	80%	6%	5%
Minnesota	265	64%	169	0%	1%	95%	2%	2%
Mississippi	202	36%	73	7%	4%	86%	1%	1%
Missouri	259	55%	143	15%	2%	72%	8%	3%
Montana	86	65%	56	14%	2%	75%	7%	2%
Nebraska	156	42%	65	26%	3%	60%	8%	3%
Nevada	54	70%	38	26%	3%	63%	8%	0%
New Hampshire	54	93%	50	24%	4%	66%	4%	2%
New Jersey	334	62%	207	88%	2%	2%	2%	6%
New Mexico	57	54%	31	87%	13%	0%	0%	0%
New York	486	46%	223	33%	6%	52%	6%	3%
North Carolina	322	76%	244	7%	25%	61%	4%	2%
North Dakota	54	59%	32	3%	3%	94%	0%	0%
Ohio	607	51%	307	2%	4%	91%	1%	2%
Oklahoma	142	77%	109	26%	15%	51%	6%	2%
Oregon	114	72%	82	28%	4%	59%	10%	0%
Pennsylvania	550	67%	369	21%	3%	70%	3%	2%
Rhode Island	33	58%	19	0%	0%	79%	21%	0%
South Carolina	184	74%	136	10%	24%	56%	7%	3%
South Dakota	87	67%	58	2%	0%	83%	12%	3%
Tennessee	259	61%	157	12%	4%	79%	3%	3%
Texas	1075	54%	576	51%	36%	10%	2%	1%
Utah	82	82%	67	9%	24%	64%	3%	0%
Vermont	42	100%	42	36%	2%	48%	10%	5%
Virginia	254	69%	175	37%	29%	33%	1%	1%
Washington	192	79%	151	12%	27%	54%	5%	2%
West Virginia	48	33%	16	25%	13%	50%	6%	6%
Wisconsin	322	38%	121	2%	0%	94%	1%	3%
Wyoming	38	79%	30	13%	27%	47%	0%	13%
<b>National</b>	<b>11135</b>	<b>59%</b>	<b>6529</b>	<b>24%</b>	<b>11%</b>	<b>59%</b>	<b>4%</b>	<b>3%</b>

Table 17. Employment Model in US Private Secondary Schools, by State

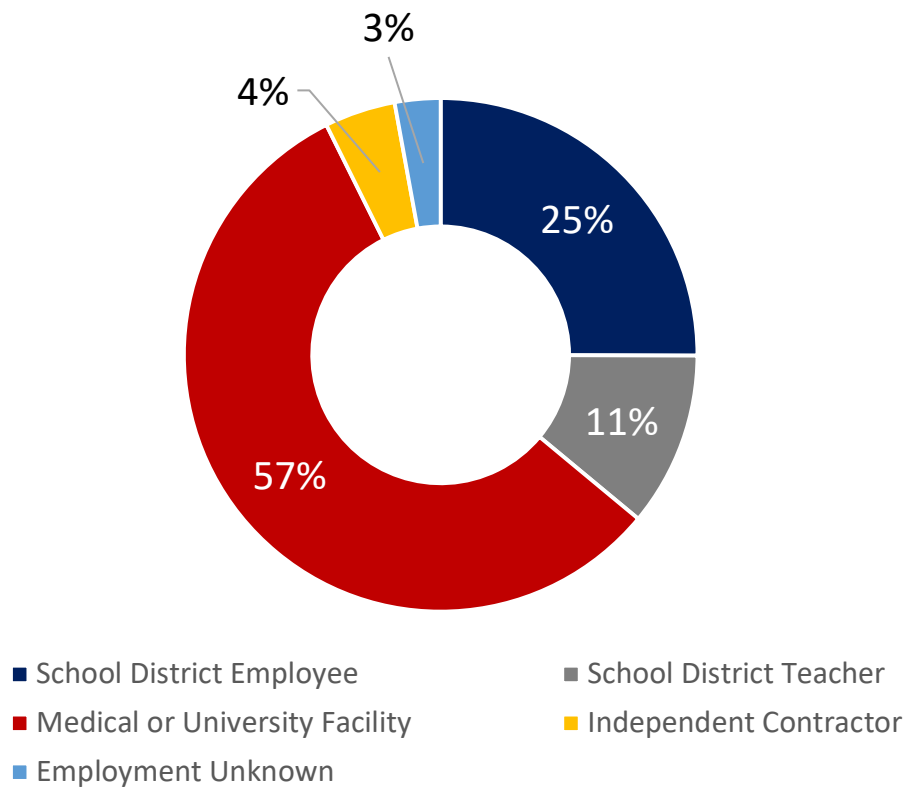
State	Schools with Access to AT Services	% ATLAS Survey Complete	# Completed ATLAS Surveys	Employment Provider				
				School District Employee	School District Teacher	Medical or University Facility	Independent Contractor	Employment Unknown
Alabama	67	25%	17	0%	6%	82%	0%	12%
Alaska	2	100%	2	0%	0%	100%	0%	0%
Arizona	19	47%	9	22%	44%	11%	22%	0%
Arkansas	12	83%	10	10%	10%	80%	0%	0%
California	262	35%	93	58%	24%	10%	6%	2%
Colorado	23	35%	8	38%	25%	38%	0%	0%
Connecticut	51	71%	36	56%	22%	17%	6%	0%
Delaware	18	67%	12	8%	25%	58%	0%	8%
District of Columbia	11	100%	11	64%	18%	0%	18%	0%
Florida	128	78%	100	35%	8%	36%	10%	11%
Georgia	97	59%	57	36%	0%	56%	7%	0%
Hawaii	24	71%	17	53%	0%	41%	0%	6%
Idaho	7	29%	2	50%	0%	50%	0%	0%
Illinois	81	33%	27	19%	0%	81%	0%	0%
Indiana	47	70%	33	6%	0%	91%	3%	0%
Iowa	28	43%	12	25%	0%	75%	0%	0%
Kansas	15	33%	5	0%	0%	60%	40%	0%
Kentucky	31	48%	15	7%	0%	86%	0%	7%
Louisiana	66	77%	51	10%	6%	78%	6%	0%
Maine	18	100%	18	39%	28%	17%	17%	0%
Maryland	73	71%	52	65%	10%	21%	2%	2%
Massachusetts	76	37%	28	68%	0%	25%	4%	4%
Michigan	48	52%	25	16%	0%	80%	4%	0%
Minnesota	33	61%	20	15%	0%	85%	0%	0%
Mississippi	60	52%	31	3%	0%	94%	3%	0%
Missouri	57	68%	39	15%	0%	74%	5%	5%
Montana	5	100%	5	0%	0%	80%	20%	0%
Nebraska	30	53%	16	25%	0%	75%	0%	0%
Nevada	6	67%	4	25%	0%	25%	50%	0%
New Hampshire	18	89%	16	69%	13%	19%	0%	0%
New Jersey	63	67%	42	76%	0%	12%	0%	12%
New Mexico	10	40%	4	75%	0%	0%	25%	0%
New York	93	41%	38	45%	16%	34%	3%	3%
North Carolina	58	66%	38	26%	16%	55%	0%	3%
North Dakota	6	83%	5	0%	0%	100%	0%	0%
Ohio	102	55%	56	5%	4%	86%	4%	2%
Oklahoma	15	93%	14	29%	14%	57%	0%	0%
Oregon	14	64%	9	22%	0%	67%	11%	0%
Pennsylvania	124	60%	74	28%	11%	54%	5%	1%
Rhode Island	16	81%	13	46%	15%	31%	0%	8%
South Carolina	52	69%	36	11%	6%	78%	6%	0%
South Dakota	11	64%	7	0%	0%	71%	29%	0%
Tennessee	72	64%	46	13%	2%	80%	2%	2%
Texas	151	33%	50	52%	8%	36%	2%	2%
Utah	5	80%	4	0%	50%	25%	25%	0%
Vermont	11	100%	11	36%	18%	45%	0%	0%
Virginia	57	58%	33	55%	15%	24%	3%	3%
Washington	30	83%	25	12%	16%	64%	4%	4%
West Virginia	7	14%	1	100%	0%	0%	0%	0%
Wisconsin	43	26%	11	0%	0%	91%	0%	9%
Wyoming	0	0%	0	0%	0%	0%	0%	0%
<b>National</b>	<b>2353</b>	<b>55%</b>	<b>1288</b>	<b>33%</b>	<b>9%</b>	<b>51%</b>	<b>5%</b>	<b>3%</b>

Table 18. Employment Model of Athletic Trainers in the United States Comparison

School Type	Year (AY)	Schools with Access to AT Services	% ATLAS Survey Complete	# Completed ATLAS Surveys	Employment Provider				
					School District Employee	School District Teacher	Medical or University Facility	Independent Contractor	Employment Unknown
Public	2018	11135	59%	6529	24%	11%	59%	4%	3%
Public	2017	11171	51%	5676	22%	12%	60%	6%	-
Private	2018	2353	55%	1288	33%	9%	51%	5%	3%
Private	2017	2302	47%	1078	27%	10%	52%	9%	-
Public + Private	2018	13488	58%	7817	25%	11%	57%	4%	3%
Public + Private	2017	13474	50%	6754	23%	13%	59%	6%	-

Figure 8. Employment Type for AT Services in US Secondary Schools

Employment Type For AT Services In US Secondary Schools





## Athletic Training Services by Employment Model, by NATA District

Table 19. Employment Model in US Secondary Schools, by NATA District

NATA District	Schools with Access to AT Services	% ATLAS Survey Completion	# Completed ATLAS Surveys	Employment Provider				
				School District Employee (%)	School District Teacher	Medical or University Facility	Independent Contractor	Employment Unknown
District 1	718	67%	484	34%	6%	49%	7%	4%
District 2	1701	58%	993	41%	7%	43%	5%	4%
District 3	1232	70%	865	33%	16%	43%	5%	4%
District 4	2662	54%	1439	7%	2%	87%	3%	2%
District 5	1307	51%	668	14%	3%	75%	6%	2%
District 6	1325	53%	706	34%	26%	37%	2%	1%
District 7	602	63%	378	35%	22%	36%	2%	4%
District 8	1033	45%	469	49%	7%	33%	8%	2%
District 9	2382	60%	1438	13%	6%	74%	4%	3%
District 10	528	71%	377	14%	9%	69%	7%	1%
<b>National</b>	<b>13490</b>	<b>58%</b>	<b>7817</b>	<b>25%</b>	<b>11%</b>	<b>57%</b>	<b>4%</b>	<b>3%</b>

Table 20. Employment Model in US Secondary Public Schools, by NATA District

NATA District	Schools with Access to AT Services	Public % ATLAS Survey Completion	Public # Completed ATLAS Surveys	Employment Provider				
				School District Employee	School District Teacher	Medical or University Facility	Independent Contractor	Employment Unknown
District 1	528	69%	362	26%	2%	59%	9%	4%
District 2	1402	59%	827	42%	5%	43%	6%	4%
District 3	974	71%	694	30%	15%	46%	4%	5%
District 4	2309	55%	1267	6%	2%	87%	3%	2%
District 5	1145	50%	570	13%	3%	75%	6%	2%
District 6	1160	56%	646	34%	28%	35%	2%	1%
District 7	545	65%	353	36%	22%	47%	2%	3%
District 8	741	48%	355	54%	7%	30%	7%	2%
District 9	1861	60%	1121	12%	7%	74%	4%	3%
District 10	470	71%	334	14%	10%	68%	8%	1%
<b>National</b>	<b>11135</b>	<b>59%</b>	<b>6529</b>	<b>24%</b>	<b>11%</b>	<b>59%</b>	<b>4%</b>	<b>3%</b>

Table 21. Employment Model in US Secondary Private Schools, by NATA District

NATA District	Schools with Access to AT Services	Private % ATLAS Survey Completion	Private # Completed ATLAS Surveys	Employment Provider				
				School District Employee	School District Teacher	Medical or University Facility	Independent Contractor	Employment Unknown
District 1	190	64%	122	52%	16%	26%	4%	2%
District 2	298	56%	166	39%	13%	40%	2%	6%
District 3	258	66%	171	53%	11%	30%	5%	1%
District 4	354	49%	172	10%	1%	86%	2%	2%
District 5	162	60%	98	13%	2%	73%	11%	1%
District 6	163	37%	60	31%	9%	58%	1%	1%
District 7	57	44%	25	27%	24%	15%	14%	0%
District 8	292	39%	114	45%	8%	25%	19%	3%
District 9	521	61%	317	15%	3%	73%	4%	5%
District 10	58	74%	43	17%	3%	72%	7%	1%
<b>National</b>	<b>2353</b>	<b>55%</b>	<b>1288</b>	<b>33%</b>	<b>9%</b>	<b>51%</b>	<b>5%</b>	<b>3%</b>

# Athletic Training Services by Education Level, by State

Table 22. AT Education Level in US Secondary Schools, by State

State	Schools with Access to AT Services	% ATLAS Survey Complete	# Completed ATLAS Surveys	Education Level			
				PhD	MS	BS	Unknown
Alabama	357	33%	119	1	75	42	1
Alaska	21	33%	7	0	2	4	1
Arizona	186	66%	122	2	63	57	0
Arkansas	97	82%	80	1	40	39	0
California	906	42%	385	5	217	162	1
Colorado	224	54%	120	1	60	59	0
Connecticut	186	61%	113	0	47	66	0
Delaware	50	80%	40	2	14	24	0
District of Columbia	29	100%	29	2	24	3	0
Florida	502	88%	444	5	217	222	0
Georgia	458	54%	247	1	153	93	0
Hawaii	67	63%	42	0	21	19	2
Idaho	66	64%	42	2	20	20	0
Illinois	505	43%	215	0	106	109	0
Indiana	364	75%	274	2	146	125	1
Iowa	274	32%	87	3	42	42	0
Kansas	216	43%	93	2	53	38	0
Kentucky	189	54%	103	2	69	32	0
Louisiana	283	77%	218	3	112	103	0
Maine	92	100%	92	2	22	68	0
Maryland	221	71%	157	5	84	68	0
Massachusetts	266	48%	128	1	61	66	0
Michigan	422	63%	266	0	112	152	2
Minnesota	298	63%	189	1	88	100	0
Mississippi	262	40%	104	2	60	42	0
Missouri	316	58%	182	3	123	56	0
Montana	91	67%	61	3	42	16	0
Nebraska	186	44%	81	3	43	35	0
Nevada	60	70%	42	0	23	19	0
New Hampshire	72	92%	66	0	23	43	0
New Jersey	397	63%	249	2	150	96	1
New Mexico	67	52%	35	1	14	20	0
New York	579	45%	261	1	149	111	0
North Carolina	380	74%	282	1	158	121	2
North Dakota	60	62%	37	1	14	22	0
Ohio	709	51%	363	2	183	178	0
Oklahoma	157	78%	123	0	83	39	1
Oregon	128	71%	91	0	53	38	0
Pennsylvania	674	66%	443	3	249	191	0
Rhode Island	49	65%	32	0	14	18	0
South Carolina	236	73%	172	4	101	67	0
South Dakota	98	66%	65	2	36	27	0
Tennessee	331	61%	203	1	106	96	0
Texas	1226	51%	626	3	364	257	2
Utah	87	82%	71	0	39	32	0
Vermont	53	100%	53	0	24	29	0
Virginia	311	67%	208	3	136	69	0
Washington	222	79%	176	4	91	80	1
West Virginia	55	31%	17	0	7	10	0
Wisconsin	365	36%	132	2	58	71	1
Wyoming	38	79%	30	0	19	11	0
<b>National</b>	<b>13488</b>	<b>58%</b>	<b>7817</b>	<b>84</b>	<b>4210</b>	<b>3507</b>	<b>16</b>

Table 23. AT Education Level in US Public Secondary Schools, by State

State	Schools with Access to AT Services	% ATLAS Survey Complete	# Completed ATLAS Surveys	Education Level			
				PhD	MS	BS	Unknown
Alabama	290	35%	102	1	63	37	1
Alaska	19	26%	5	0	1	3	1
Arizona	167	68%	113	2	59	52	0
Arkansas	85	82%	70	1	35	34	0
California	644	45%	292	3	164	125	0
Colorado	201	56%	112	1	57	54	0
Connecticut	135	57%	77	0	24	53	0
Delaware	32	88%	28	1	9	18	0
District of Columbia	18	100%	18	2	16	0	0
Florida	374	92%	344	2	162	180	0
Georgia	361	53%	190	1	115	74	0
Hawaii	43	58%	25	0	13	12	0
Idaho	59	68%	40	2	20	18	0
Illinois	424	44%	188	0	100	88	0
Indiana	317	76%	241	2	128	110	1
Iowa	246	30%	75	3	37	35	0
Kansas	201	44%	88	2	51	35	0
Kentucky	158	56%	88	2	59	27	0
Louisiana	217	77%	167	2	89	76	0
Maine	74	100%	74	2	16	56	0
Maryland	148	71%	105	1	58	46	0
Massachusetts	190	53%	100	0	47	53	0
Michigan	374	64%	241	0	101	139	1
Minnesota	265	64%	169	1	78	90	0
Mississippi	202	36%	73	1	43	29	0
Missouri	259	55%	143	2	100	41	0
Montana	86	65%	56	3	41	12	0
Nebraska	156	42%	65	2	34	29	0
Nevada	54	70%	38	0	20	18	0
New Hampshire	54	93%	50	0	15	35	0
New Jersey	334	62%	207	2	123	82	0
New Mexico	57	54%	31	0	12	19	0
New York	486	46%	223	1	126	96	0
North Carolina	322	76%	244	1	138	104	1
North Dakota	54	59%	32	1	11	20	0
Ohio	607	51%	307	1	156	150	0
Oklahoma	142	77%	109	0	73	36	0
Oregon	114	72%	82	0	49	33	0
Pennsylvania	550	67%	369	2	200	167	0
Rhode Island	33	58%	19	0	5	14	0
South Carolina	184	74%	136	3	83	50	0
South Dakota	87	67%	58	2	33	23	0
Tennessee	259	61%	157	0	84	73	0
Texas	1075	54%	576	1	330	243	2
Utah	82	82%	67	0	36	31	0
Vermont	42	100%	42	0	19	23	0
Virginia	254	69%	175	2	116	57	0
Washington	192	79%	151	2	77	71	1
West Virginia	48	33%	16	0	6	10	0
Wisconsin	322	38%	121	2	53	65	1
Wyoming	38	79%	30	0	19	11	0
<b>National</b>	<b>11135</b>	<b>59%</b>	<b>6529</b>	<b>59</b>	<b>3504</b>	<b>2957</b>	<b>9</b>

Table 24. AT Education Level in US Private Secondary Schools, by State

State	Schools with Access to AT Services	% ATLAS Survey Complete	# Completed ATLAS Surveys	Education Level			
				PhD	MS	BS	Unknown
Alabama	67	25%	17	0	12	5	0
Alaska	2	100%	2	0	1	1	0
Arizona	19	47%	9	0	4	5	0
Arkansas	12	83%	10	0	5	5	0
California	262	35%	93	2	53	37	1
Colorado	23	35%	8	0	3	5	0
Connecticut	51	71%	36	0	23	13	0
Delaware	18	67%	12	1	5	6	0
District of Columbia	11	100%	11	0	8	3	0
Florida	128	78%	100	3	55	42	0
Georgia	97	59%	57	0	38	19	0
Hawaii	24	71%	17	0	8	7	2
Idaho	7	29%	2	0	0	2	0
Illinois	81	33%	27	0	6	21	0
Indiana	47	70%	33	0	18	15	0
Iowa	28	43%	12	0	5	7	0
Kansas	15	33%	5	0	2	3	0
Kentucky	31	48%	15	0	10	5	0
Louisiana	66	77%	51	1	23	27	0
Maine	18	100%	18	0	6	12	0
Maryland	73	71%	52	4	26	22	0
Massachusetts	76	37%	28	1	14	13	0
Michigan	48	52%	25	0	11	13	1
Minnesota	33	61%	20	0	10	10	0
Mississippi	60	52%	31	1	17	13	0
Missouri	57	68%	39	1	23	15	0
Montana	5	100%	5	0	1	4	0
Nebraska	30	53%	16	1	9	6	0
Nevada	6	67%	4	0	3	1	0
New Hampshire	18	89%	16	0	8	8	0
New Jersey	63	67%	42	0	27	14	1
New Mexico	10	40%	4	1	2	1	0
New York	93	41%	38	0	23	15	0
North Carolina	58	66%	38	0	20	17	1
North Dakota	6	83%	5	0	3	2	0
Ohio	102	55%	56	1	27	28	0
Oklahoma	15	93%	14	0	10	3	1
Oregon	14	64%	9	0	4	5	0
Pennsylvania	124	60%	74	1	49	24	0
Rhode Island	16	81%	13	0	9	4	0
South Carolina	52	69%	36	1	18	17	0
South Dakota	11	64%	7	0	3	4	0
Tennessee	72	64%	46	1	22	23	0
Texas	151	33%	50	2	34	14	0
Utah	5	80%	4	0	3	1	0
Vermont	11	100%	11	0	5	6	0
Virginia	57	58%	33	1	20	12	0
Washington	30	83%	25	2	14	9	0
West Virginia	7	14%	1	0	1	0	0
Wisconsin	43	26%	11	0	5	6	0
Wyoming	0	0%	0	0	0	0	0
<b>National</b>	<b>2353</b>	<b>55%</b>	<b>1288</b>	<b>25</b>	<b>706</b>	<b>550</b>	<b>7</b>

Table 25. Secondary School AT Education Level in the United States Comparison

School Type	Year (AY)	Schools with Access to AT Services	% ATLAS Survey Complete	# Completed ATLAS Surveys	Education Level			
					PhD	MS	BS	Unknown
Public	2018	11135	59%	6529	59	3504	2957	9
Public	2017	11171	51%	5676	54	3029	2593	0
Private	2018	2353	55%	1288	25	706	550	7
Private	2017	2302	47%	1078	19	588	471	0
Public + Private	2018	13488	58%	7817	84	4210	3507	16
Public + Private	2017	13474	50%	6754	73	3617	3064	0

Athletic Training Services by Education Level, by NATA District

Table 26. AT Education Level in US Secondary Schools, by NATA District

NATA District	Schools with Access to AT Services	% ATLAS Survey Completion	# Completed ATLAS Surveys	Education Level			
				PhD	MS	BS	Unknown
District 1	718	67%	484	3	191	290	0
District 2	1700	58%	993	8	562	422	1
District 3	1232	70%	865	15	510	338	2
District 4	2663	54%	1439	7	693	735	4
District 5	1307	51%	668	14	394	259	1
District 6	1323	53%	706	4	404	296	2
District 7	602	63%	378	4	195	179	0
District 8	1033	45%	469	5	261	200	3
District 9	2382	60%	1438	15	792	630	1
District 10	528	71%	377	9	208	158	2
<b>National</b>	<b>13488</b>	<b>58%</b>	<b>7817</b>	<b>84</b>	<b>4210</b>	<b>3507</b>	<b>16</b>

Table 27. AT Education Level in US Public Secondary Schools, by NATA District

NATA District	Schools with Access to AT Services	Public % ATLAS Survey Completion	Public # Completed ATLAS Surveys	Education Level			
				PhD	MS	BS	Unknown
District 1	528	69%	362	2	126	234	0
District 2	1402	59%	827	6	458	363	0
District 3	974	71%	694	9	417	267	1
District 4	2309	55%	1267	6	616	642	3
District 5	1145	50%	570	12	339	219	0
District 6	1160	56%	646	2	365	277	2
District 7	545	65%	353	3	183	167	0
District 8	741	48%	355	3	197	155	0
District 9	1861	60%	1121	9	615	496	1
District 10	470	71%	334	7	188	137	2
<b>National</b>	<b>11135</b>	<b>59%</b>	<b>6529</b>	<b>59</b>	<b>3504</b>	<b>2957</b>	<b>9</b>

Table 28. AT Education Level in US Private Secondary Schools, by NATA District

NATA District	Schools with Access to AT Services	% ATLAS Survey Complete	# Completed ATLAS Surveys	Education Level			
				PhD	MS	BS	Unknown
District 1	190	64%	122	1	65	56	0
District 2	298	56%	166	2	104	59	1
District 3	258	66%	171	6	93	71	1
District 4	354	49%	172	1	77	93	1
District 5	162	60%	98	2	55	40	1
District 6	163	37%	60	2	39	19	0
District 7	57	44%	25	1	12	12	0
District 8	292	39%	114	2	64	45	3
District 9	521	61%	317	6	177	134	0
District 10	58	74%	43	2	20	21	0
<b>National</b>	<b>2353</b>	<b>55%</b>	<b>1288</b>	<b>25</b>	<b>706</b>	<b>550</b>	<b>7</b>