



## Athletic Training Locations and Services (ATLAS) Project

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

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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 was 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, 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 NATA SSATC Committee 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 its 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 the number of students and student-athletes enrolled at 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. (See Table 1 below)

School Type	AT Services (%, n)	Full Time (%, n)	Part Time (%, n)	Per diem (%, n)
<b>Public<sup>1</sup></b>	<b>70%</b> (5,930/8,509)	<b>37%</b> (3,145/8,509)	<b>31%</b> (2619/8,509)	<b>2%</b> (199/8,509)
<b>Private<sup>2</sup></b>	<b>58%</b> (1,176/2,044)	<b>28%</b> (574/2,040)	<b>25%</b> (511/2,044)	<b>4%</b> (82/2,044)
<b>Combined<sup>3</sup></b>	<b>67%</b> (7,106/10,553)	<b>35%</b> (3,719/10,549)	<b>30%</b> (3,130/10,553)	<b>3%</b> (281/10,553)

While not directly reported in these publications, calculations suggest 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> Additionally, qualitative findings from Pike et. al note 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, the 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

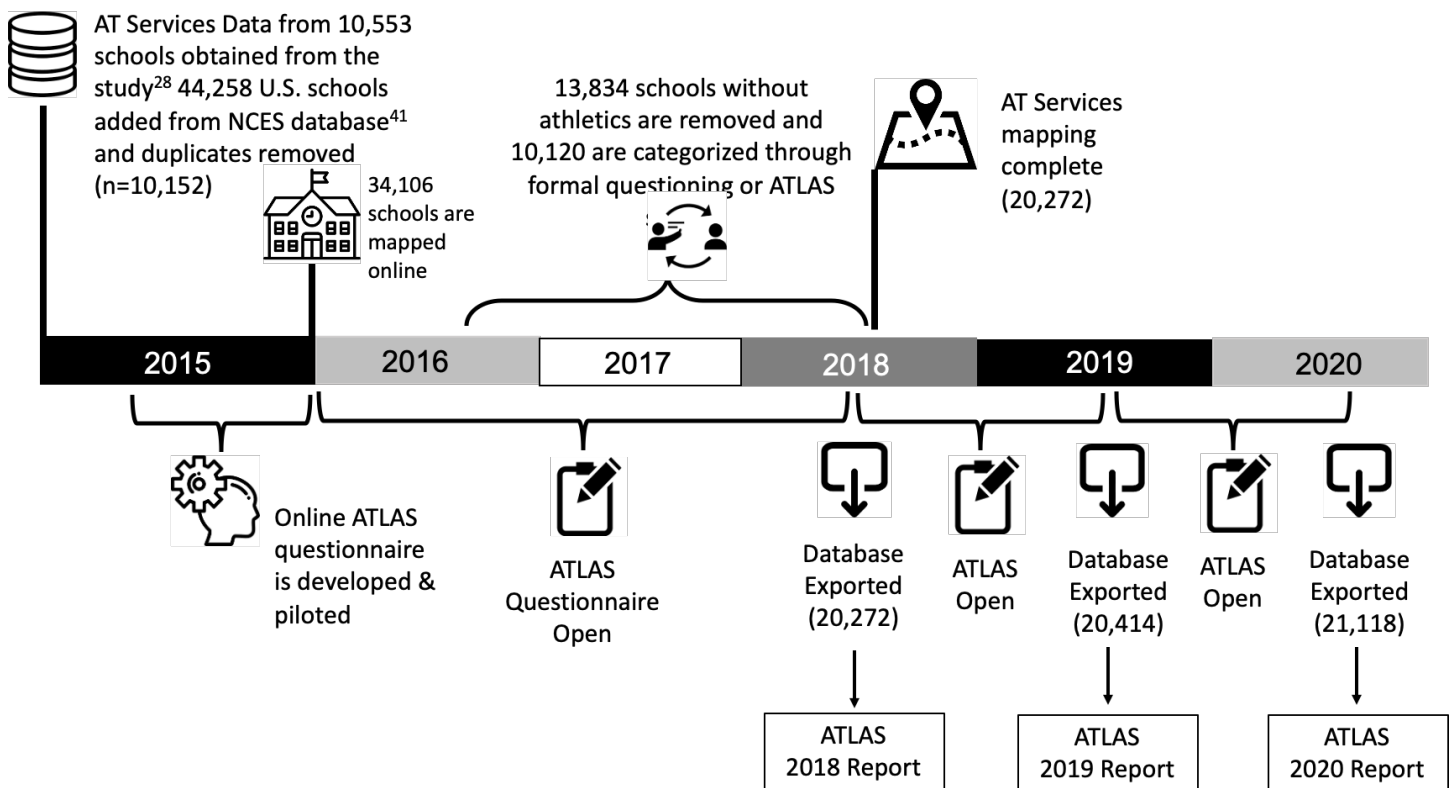
### Participants

Information related to PUB (n=16,683) and PVT (n= 4,435) secondary schools from all 50 states and District of Columbia are 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 are 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 while the secondary school without was removed from the analyses. If both schools reported athletics programs, both were included in the database.

The ATLAS database contains information from various data sources and consisted of two major phases; phase I was the “mapping phase” and phase II was the “questionnaire phase”. These phases began simultaneously in January of 2016. The timeline of this process is depicted in the publication by Huggins et al.<sup>4</sup> in the Journal of Athletic Training (reprinted below)

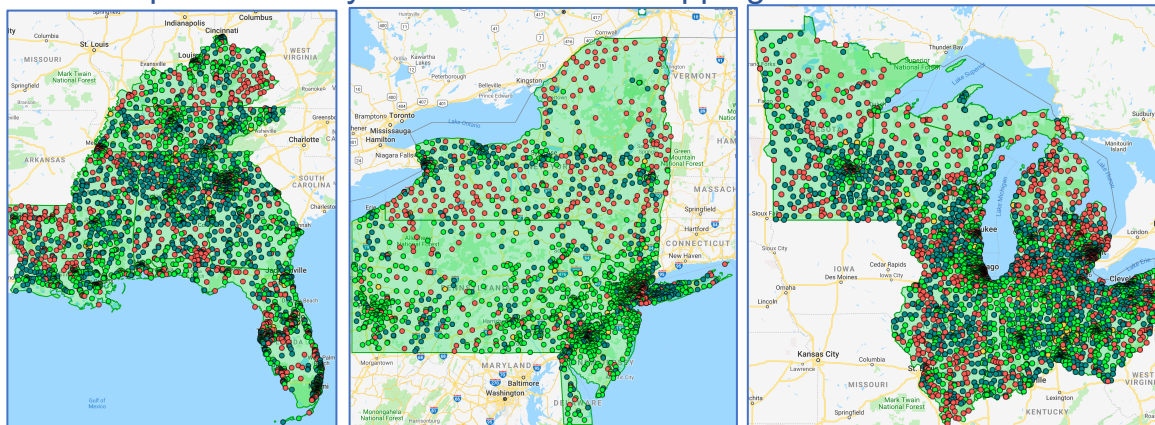
Figure 1. ATLAS DATA Acquisition Timeline and Exports





The mapping phase consisted of merging previously established databases obtained from the studies by Pryor et al<sup>1</sup> and Pike et al.<sup>2</sup> To this list, data was exported from the schools listed in the US Department of Education's National Center for Education Statistics database,<sup>5</sup> yielding a total of 44,258 schools. The following data for each school was exported: school name, school address, county, number of students enrolled, geographic locale, Title I status, number on free lunch, number on reduced lunch, NCES school ID, NCES district ID, low grade, high grade, number of teachers, and teacher:student ratio. Duplicate entries and secondary schools without athletics programs were removed (n=10,152) and mapped online (<https://ksi.uconn.edu/nata-atlas/>)<sup>6</sup> using a Google-based platform (Zeemaps, Zee Source, Cupertino, CA).<sup>7</sup> Each map depicts the level of AT services provided to each school (see Figure 2). On-site AT services are depicted using green or teal markers, those with no AT services are depicted via red markers and schools with unknown AT services with black markers.

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.

The online public mapping assisted in the data collection and categorization that then ensued. This allowed for each state and the fellow ATs working within that state to categorize the remaining schools. Schools that were unknown, were researched and the level of AT

services was confirmed by researchers, NATA staff, the NATA SSATC Chairs and each state AT association's secondary school committee or AT association state president. A list of schools with unknown AT services status was provided to each of these groups. They were asked to reach out to schools via e-mail, phone, personal means, or other forms with a set of questions to ask of the school representative. (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 then the next questions were; (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 questionnaire recruitment email?" If the school answered *no* to having athletics, the school was 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, 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 questionnaire), the response of the AT superseded that of the school official. If both a school representative and the AT answered the questions, the response of the AT was used over the response of 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 until the national mapping was completed on February 21, 2018.

In addition to these aforementioned methods, another means of data acquisition was used. The KSI and NATA utilized various national marketing efforts including 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 to direct ATs to the maps and asked them to participate in the ATLAS questionnaire.<sup>8</sup>

The ATLAS questionnaire 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 questionnaires, reviewed the questionnaire for face and content validity. After establishing face and content validity, one state was selected to pilot the questionnaire 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, ranges, and percentages for FT, PT and no AT services for PUB, PVT, and PUB+PVT combined by state by employment, by locale,<sup>9</sup> 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 5 with the highest relative percentages) and lowest (bottom 5 lowest percentage) were also reported.

## Results

The overall response rate for the ATLAS mapping in 2019AY was 98% (n=20,629/21,118). Two percent of schools (n=489) and the extent of their AT services are unknown. For the ATLAS questionnaire phase, of the secondary schools with AT services (n=13,506), an overall response rate of 63% (n=8,514) as of June 6, 2020 are included in this report. This is a 9.2% (n=717) increase in questionnaires completed from the previous academic year (AY 2018).

## ATLAS Mapping Results

### AT Services

Of total PUB and PVT secondary schools combined with athletics programs (n=21,118), 64% (n=13,506) receive AT services while 34% (n=7,127) have no AT services (see Table 1).

Of those secondary schools with AT services, 35% (n=7,478) receive full-time services and 29% (n=6,028) receive part-time. The range of access to AT services is from 15% (Alaska) to 87% (Hawaii and New Jersey). The national map (Figure 3) depicts AT services in each state as well as by NATA district. The range of full-time, part-time and no AT services are 4-76%, 8-56% and 11-85%, respectively. The top states with the highest percentage of access to AT services are Hawaii, New Jersey, Connecticut, Pennsylvania, Indiana, and Ohio while the top 5 for percentage 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, Connecticut, Rhode Island, Mississippi, Wisconsin, and Alabama. Figure 5 presents the percentage of part-time AT services by state and by NATA district. The states with the highest percentage of secondary schools without AT services are Alaska, Oklahoma, Idaho, North Dakota, and West Virginia. 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=4,037) of the secondary schools with AT access nationwide. Interestingly, three of these states, Texas, Ohio, and Pennsylvania, exceed the national AT access average of 64%.

Table 2 depicts the AT services nationally for PUB secondary schools. Compared to PUB+PVT secondary schools combined, in the PUB secondary school setting, 67% 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=11,174), 37% are employed full-time while 29% are part-time. Visually these findings are presented in Figure 6. The ranges for access (full-time, part-time and no AT services) in the PUB secondary school setting is 14-96%, 3-87%, 8-58%, and 4-86%, respectively. The top states with access to AT services in the PUB secondary school setting are Hawaii, New Jersey, Delaware, Pennsylvania, and Connecticut. Of note, when examining full-time services, three states (Hawaii, New Jersey,

and South Carolina) meet or exceeded 73% which coincides with two standard deviations above the mean, and Pennsylvania and Virginia round out the top 5 states with the highest percentage of full-time services. Part-time services are highest in Connecticut, Iowa, Rhode Island, Vermont, and Wisconsin. AT services appear to be most needed in PUB secondary schools with athletics in Alaska, Oklahoma, Idaho, North Dakota, West Virginia, and New Mexico.

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 (53%), ~9% reduction in full-time and ~5% reduction in part-time services. Of those PVT secondary schools with AT services (n=2,332), there is nearly an even split of 28% of ATs employed full-time and 25% employed part-time. States with the highest access to AT services in PVT secondary schools are Rhode Island, South Dakota, Nebraska, Connecticut, and Hawaii. Full-time services are highest in Rhode Island, Connecticut, District of Columbia, New Jersey, and Hawaii. Notably, the full-time services rates in Rhode Island, Connecticut and the District of Columbia are outliers compared to the rest of those with full-time services. The state of North Dakota demonstrated the highest level of part-time services, followed by South Dakota, Iowa, Mississippi, and Nebraska. The states with the largest percentage of PVT secondary schools without AT services are Utah, Alaska, Idaho, Oregon, and Michigan. However, it is important to note that these states only have 265 PVT secondary schools with athletics combined; furthermore, three states have less than 10 PVT secondary schools with athletics in the entire state (Wyoming n=5, North Dakota n=8, and Alaska n=9).

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 past two ATLAS Reports (2017AY and 2018AY). There are nearly 4X the amount of PUB secondary schools than PVT secondary schools with athletics in the United States. PUB secondary

schools have increased access to AT services (+14%), which appears to be due to a greater percentage of full-time services (+9%). In comparison to the ATLAS Reports from 2018 and 2019, there was a 2% reduction in access to AT services in PUB+PVT, PUB, and PVT schools. This is likely due to the addition of 489 unknown schools to the ATLAS Database as well as the clarification of the services that the secondary schools receive through the information provided in the ATLAS Questionnaire. 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=7,127) 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, 3, and 9 have the highest percentage of secondary schools with access to AT services (70%), with Districts 3, 2, and 6 having the highest percentage of full-time services (49%, 47%, and 43%, respectively). Districts 10 and 5 have the highest percentage of secondary schools without AT services (55% and 45%, respectively). Interestingly, the current largest District (D4; n= 3918) has the 4<sup>th</sup> highest percentage of access to AT services (68%). These data are likely to change next year as the NATA District 4 is split in two and NATA District 11 is added. Additionally, in comparison to the 2018AY report, access to AT services has decreased by -8% in District 2, -4% in District 9. Districts that have seen larger increases compared to the previous year report are Districts 1 and 6 (+3%, +4%), respectively.

Public secondary school AT services data by NATA District are presented in Table 6. Identical to the combined data, Districts 9, 3, and 2 have the highest percentage of schools with access to AT services (76%, 76%, and 73%, respectively). This is a change from 2018AY by -5% in District 9, -5% in District 3, and -8% in District 2. Districts 3, 2, and 6 have the



highest PUB school percentage of full-time services, while Districts 1, 4, 5, and 9 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 1, 2, and 5 have the highest percentage of AT access (64%, 59%, and 57%, respectively). However, it is important to note that while they have the highest, this is a change from 2018AY by +8% in District 1, +8% in District 2, and -1% in District 5. Districts 1, 2, and 3 have the highest percentage of full-time services (40%, 35%, and 33%). In comparison to PUB secondary schools, PVT secondary schools in Districts 1 and 5 have increased percentages of full-time services (8% and 3%, respectively), which is dissimilar to all other districts. Furthermore, in Districts 3, 6, and 7 between 25-27% more PVT schools are without AT services than PUB secondary schools.

### AT Services by Locale

Locale data from NCES were present for 94% (n=21,118) of the secondary schools with athletics programs included in the ATLAS database. Locales were not provided by NCES for a total of 1,274 secondary schools for PUB (n=380) and PVT (n=893), 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 is the only state with 100% full-time AT coverage in 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. Furthermore, the states of South Dakota and Alaska are outliers with <5%, or >2 SD from the mean, of ATs employed full-time in suburban locales. 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. New Jersey and



Hawaii are outliers for full-time AT services in rural secondary schools with both >61% or 2SD above the mean. Regarding AT access, 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, and Vermont have AT access in 100% of suburban secondary schools. Regarding secondary schools with no AT services there are two states who were outliers, (>2SD or >55%) Illinois and New York. Data confirm that 67% of Illinois city secondary schools (n=124) while 61% of New York city secondary schools (n=186), do not have access to AT services. Of particular importance here is that the NYC public schools are in the Public School Athletic League (PSAL) that do not have AT service and thus represent the large majority of these schools. Further in suburban schools with no AT services, West Virginia and Alaska were outliers, (>2SD or >40%). In town schools with no AT services there were no outliers, however in rural schools there was 1 outlier (>2SD or >93%) in the state of Alaska.

The percentage of AT services by locale in PUB secondary schools are listed in Table 9. All of the city PUB secondary schools in 2 states have full-time AT services (North Dakota and Wyoming). Ten states (Alaska, Hawaii, Iowa, Montana, Nebraska, New Hampshire, North Dakota, Rhode Island, South Dakota, and Wyoming) have AT access provided to all city PUB secondary schools. In 9 states, all suburban PUB schools have AT access (Hawaii, Iowa, Kentucky, Mississippi, Nebraska, New Mexico, South Carolina, 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 PUB secondary schools. When examining the percentage of PUB secondary schools in city locales without AT services, the states of Illinois and New York are outliers (>2SD or >59%) compared to all other states. For PUB secondary schools without AT services in the suburban locale, West Virginia, North Dakota, and Alaska were outliers (>2SD or >28%) while in the town locale Nevada and Massachusetts were outliers (>2SD or >63%) of schools without AT services. In the rural

locale, Alaska is an outlier with 97% of the 123 PUB secondary schools are without AT services. The next highest state without AT services in rural locales is Oregon with 87%.

The percentages of AT services by locale in PVT schools are listed in Table 10. There are 3 states where all PVT city secondary schools have 100% access to AT services (Delaware, Montana, and North Dakota). All PVT suburban secondary schools in the states of Hawaii and Nebraska have 100% AT access. In the states of Colorado, Delaware, and Massachusetts all PVT secondary schools located in towns have AT access. Similarly, all PVT rural secondary schools in state of Colorado (n=4) 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 from the past 3 ATLAS reports (2017, 2018, and the current report 2019). For PUB+PVT secondary schools combined on a national scale, the percentage of full-time services is 42% in city secondary schools, peaks in the suburban locale with 54% of schools and then is reduced in towns (36%) and rural locales (23%). Similarly, AT access in PUB+PVT secondary schools combined is slightly lower in the city locale (70%) than the suburban locale (81%) and is again reduced in towns (70%) and rural locales (54%). In PUB secondary schools (city, suburban, town, rural) the percentage of schools with AT access is 73%, 89%, 74%, 55% and in PVT secondary schools the access is 63%, 55%, 39%, 41%, 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 30%, 19%, 30%, 46%, while PUB secondary schools are 27%, 11%, 26% and 45%, and PVT secondary schools are 37%, 45%, 61% and 59%, respectively. PUB secondary schools located in the suburban locales have the highest percentage of AT access across all locales while PVT secondary schools located in towns 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 4 has highest percentage of secondary schools without AT services in city schools (40%) followed by District 7 (32%). District 7 has the highest percentage of secondary schools with AT services in suburban locales (87%) while District 5 has the highest percentage of secondary schools with AT services in towns (80%). 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 Questionnaire Results

### AT Employment

The following results pertain to the 2019 AY ATLAS questionnaire. The topics examined in these results are related to AT employment model in secondary schools with athletics. Of the 13,506 secondary schools with access to AT services, 63% of secondary schools have completed the ATLAS questionnaire (Table 15). Of the 8,514 secondary school ATs who completed the ATLAS questionnaire, 84% (n=7,112) of respondents are employed in U.S. PUB Secondary Schools and 16% (n=1,402) are employed in US PVT secondary schools. Most ATs are employed by a Medical or University Facility (MUF; 57%), while 36% are employed by the School District (24% without teaching responsibilities, 12% with teaching responsibilities), 4% are employed as Independent Contractors (IC) and 3% are unknown. In PUB and PVT secondary schools combined (Table 15), four states are outliers that have  $\geq 82\%$  of respondents providing AT services that are employed by the School

District (New Mexico, District of Columbia, New Jersey, and Texas). Nevada has the largest employment of Independent Contractors (17%) providing AT services in national secondary schools, with two other states being outliers at  $\geq 12\%$  of AT services (South Dakota and California).

In the PUB secondary school setting alone, (Table 16) five states (District of Columbia, Hawaii, New Jersey, New Mexico and Texas) are outliers in having  $\geq 84\%$  of respondents providing AT services employed by the School District (with and without teaching responsibilities), while seven states (Indiana, Iowa, Minnesota, North Dakota, Ohio, South Dakota, and Wisconsin) have  $\geq 85\%$  of respondents providing AT services employed by Medical or University Facilities. Additionally, five states (Rhode Island, California, Nevada, Delaware, and Alaska) are outliers with  $\geq 13\%$  of respondents providing AT services employed as Independent Contractors in the PUB secondary school setting.

In the PVT setting (Table 17), The District of Columbia is the only state with  $\geq 85\%$  of ATs employed by the School District (with and without teaching responsibilities). Seven states have  $\geq 85\%$  of respondents providing AT services to PVT secondary schools employed by a Medical or University Facility (Alaska, North Dakota, Indiana, Mississippi, Wisconsin, Minnesota, and Ohio). While there were no outliers for respondents employed by the School District or Medical or University Facility, there were three states (Idaho, Kansas, and Nevada) that were outliers with  $\geq 30\%$  of respondents employed as Independent Contractors. Compared to PUB secondary school employment from the 2018 AY Report, PVT secondary schools with ATs have decreased employment percentage for School District employment (42% vs. 41%), decreased employment by Medical or University Facilities (51% vs. 50%), and employment as an Independent Contractor remained the same (5%) (see Table 18). Examining the changes from AY 2018, in AY 2019 (Table 18) there were no changes in the employment of AT services by School District overall (SD and SD+T) or by Medical or University Facilities.

The employment data by NATA District are presented in Tables 19. For PUB+PVT secondary schools combined, District 3 and District 10 have the highest percentage of ATLAS Questionnaire completion (78% and 77%), respectively. District 6 has the highest percentage of respondents employed by the School District (60%), followed closely by District 8 (55%) and District 7 (54%). District 4 has the lowest percentage (9%) of school district employee questionnaire completion. Districts 4, 5, and 9 have the highest percentages of respondents employed by Medical or University Facilities (86%, 77%, and 71%, respectively), whereas Districts 6, 7, and 8 have the lowest percentages (36%, 41%, and 33%, respectively). Notably, in Districts 3 and 7, a 4% increase in the percentage of Medical University Facility employed ATs from the 2018AY report.

An examination of PUB secondary schools by NATA District only (Table 16) reveals that District 3 and District 10 have the highest percentage of ATLAS questionnaire completion (80% and 76%) which is an increase of +9% and 5%, respectively, in the past year. In the same regard, District 8 had the second highest increase in ATLAS questionnaire completion with +6% from the previous year. Districts 6, 7, and 8 have the highest percentage of respondents employed by the School District (62%, 54%, and 58%), 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 (86%, 76%, and 72%), whereas Districts 6, 7, and 8 have the lowest percentages of MUF employment (34%, 42%, and 30%), respectively.

PVT secondary school data by district (Table 17) demonstrates that Districts 1, 3, and 10 have the highest percentage of ATLAS Questionnaire completion (69%, 73% and 79%), respectively. Districts 1, 3, and 8 have the highest percentage of respondents in the PVT setting employed by the School District (69%, 56%, and 57%), while District 10 has the lowest percentage (9%). Furthermore, Districts 4, 5, and 10 have the highest percentages of PVT secondary school respondents employed by Medical or University Facilities (81%, 75%, and 74%, respectively), whereas Districts 1 and 7 have the lowest percentages (23% and 17%).

## 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 63% response rate nationally (n=8,514/13,506). In the PUB+PVT setting combined, a majority (54%) of the secondary schools receive services from an AT who holds a master's degree while 44% hold a bachelor's degree. Only 1% of secondary schools (n=109) with athletics receive services from an AT who holds a doctorate. Of note, there are 50 individuals who completed the ATLAS questionnaire who did not complete the education level question. In the PUB secondary school setting (Table 23), of the 7,112 respondents, 54% (n=3,819) hold a masters, while 45% (n=3,177) hold a bachelors and 1% (n=75) hold a doctorate. Similarly, in the PVT setting, (Table 24) of the 1,402 respondents, 55% (n=775) hold a masters, 42% (n=584) hold a bachelors, and 2% (n=34) hold a doctorate. Interestingly, regarding the PVT secondary school setting, >50% of the respondents hold a masters in 37 states, which is greater than the PUB secondary school setting where in 33 states, > 50% of the respondents hold a masters. There are large discrepancies present in 11 states between the percentage of secondary schools who receive AT services from an individual who holds a masters versus a bachelor's degree. This difference is likely explained by the increased questionnaire response rate compared to last year, improving the accuracy of the data, however due to the transition of the athletic training profession to a master's level degree we may also be observing these early effects. In 8 states (District of Columbia, Montana, Wyoming, Oklahoma, Missouri, Virginia, Kentucky, and Idaho), there is a discrepancy of  $\geq 25\%$  between the number of ATs who hold a masters and those with a bachelors with more holding a master's degree. In contrast, 3 states, (Maine, Alaska, and New Hampshire), have  $\geq 25\%$  more ATs who hold a bachelors than those with a master's degree. When comparing respondents with a master's degree who provide AT services, the percentage of respondents in Idaho with a masters increased by 13%, while Delaware and

West Virginia increased by 9%. Interestingly, there was a 10% increase in respondents from Nevada who provide AT services and hold a bachelor'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 5 and District 6 have the highest percentage of secondary schools who receive care from an AT who holds a masters (both 59%) while District 1 has the highest percentage of schools who receive care from an AT with a bachelors (59%). District 5 has 20 schools or 3% who receive AT services from an AT with a doctorate while District 3 has 15 schools and District 10 has 10 schools, both 2% of the total schools. Similar to the combined data, in PUB secondary schools (Table 27) District 5 has the largest percentage of secondary schools who receive care from an AT with their masters (60%), District 1 with their bachelors (62%), and Districts 5 and 10 with their doctorate (3%, 2% respectively). District 6 and District 2 have the highest percentage of PVT secondary school ATs who hold a masters' degree (63%, 60%) and lowest with a bachelors (32%, 37%) while Districts 4 and District 1 have the lowest with a masters (46%, 48%) and the highest percentage with a bachelors (51%, 50%). In comparison to the 2018-2019AY data, District 10 had the lowest percentage of respondents who hold a master's degree (47%) however, this years' respondent pool for this district shows a higher percentage of masters than bachelors (54%). In 8 out of 10 districts, the majority of questionnaire respondents ( $\geq 50\%$ ) hold a masters' degree (Table 28).

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

State	Public and Private Schools Combined										
	Total Schools (n)	AT Services (n)	Full Time (n)	Part Time (n)	No AT Services (n)	Unknown (n)	AT Services (%)	Full Time (%)	Part Time (%)	No AT Services (%)	Unknown (%)
Alabama	480	332	129	203	145	3	69%	27%	42%	30%	1%
Alaska	156	23	6	17	133	0	15%	4%	11%	85%	0%
Arizona	302	188	122	66	99	15	62%	40%	22%	33%	5%
Arkansas	303	110	86	24	152	41	36%	28%	8%	50%	14%
California	1541	869	376	493	672	0	56%	24%	32%	44%	0%
Colorado	360	235	117	118	118	7	65%	33%	33%	33%	2%
Connecticut	238	203	89	114	30	5	85%	37%	48%	13%	2%
Delaware	68	55	30	25	13	0	81%	44%	37%	19%	0%
District of Columbia	50	29	21	8	21	0	58%	42%	16%	42%	0%
Florida	771	508	303	205	230	33	66%	39%	27%	30%	4%
Georgia	580	458	265	193	113	9	79%	46%	33%	19%	2%
Hawaii	78	68	54	14	10	0	87%	69%	18%	13%	0%
Idaho	180	68	44	24	112	0	38%	24%	13%	62%	0%
Illinois	829	483	259	224	345	1	58%	31%	27%	42%	0%
Indiana	439	365	246	119	72	2	83%	56%	27%	16%	0%
Iowa	367	281	74	207	79	7	77%	20%	56%	22%	2%
Kansas	368	216	75	141	152	0	59%	20%	38%	41%	0%
Kentucky	298	198	135	63	96	4	66%	45%	21%	32%	1%
Louisiana	436	289	176	113	122	25	66%	40%	26%	28%	6%
Maine	147	92	53	39	55	0	63%	36%	27%	37%	0%
Maryland	317	225	135	90	78	14	71%	43%	28%	25%	4%
Massachusetts	476	300	157	143	166	10	63%	33%	30%	35%	2%
Michigan	790	421	178	243	369	0	53%	23%	31%	47%	0%
Minnesota	487	297	116	181	152	38	61%	24%	37%	31%	8%
Mississippi	329	240	103	137	85	4	73%	31%	42%	26%	1%
Missouri	641	332	150	182	293	16	52%	23%	28%	46%	2%
Montana	181	88	25	63	93	0	49%	14%	35%	51%	0%
Nebraska	297	189	71	118	108	0	64%	24%	40%	36%	0%
Nevada	107	65	34	31	42	0	61%	32%	29%	39%	0%
New Hampshire	123	71	49	22	52	0	58%	40%	18%	42%	0%
New Jersey	452	393	343	50	48	11	87%	76%	11%	11%	2%
New Mexico	152	67	46	21	85	0	44%	30%	14%	56%	0%
New York	1091	577	245	332	445	72	53%	22%	30%	41%	7%
North Carolina	530	383	269	114	133	14	72%	51%	22%	25%	3%
North Dakota	156	62	18	44	91	3	40%	12%	28%	58%	2%
Ohio	864	714	411	303	150	0	83%	48%	35%	17%	0%
Oklahoma	495	160	64	96	335	0	32%	13%	19%	68%	0%
Oregon	289	126	62	64	159	4	44%	21%	22%	55%	1%
Pennsylvania	810	677	521	156	106	27	84%	64%	19%	13%	3%
Rhode Island	63	47	18	29	13	3	75%	29%	46%	21%	5%
South Carolina	308	245	193	52	57	6	80%	63%	17%	19%	2%
South Dakota	164	95	36	59	69	0	58%	22%	36%	42%	0%
Tennessee	453	310	180	130	118	26	68%	40%	29%	26%	6%
Texas	1688	1200	776	424	421	67	71%	46%	25%	25%	4%
Utah	182	90	54	36	92	0	49%	30%	20%	51%	0%
Vermont	83	54	22	32	29	0	65%	27%	39%	35%	0%
Virginia	462	317	242	75	145	0	69%	52%	16%	31%	0%
Washington	418	223	93	130	180	15	53%	22%	31%	43%	4%
West Virginia	131	56	24	32	75	0	43%	18%	24%	57%	0%
Wisconsin	509	374	159	215	135	0	73%	31%	42%	27%	0%
Wyoming	79	38	24	14	34	7	48%	30%	18%	43%	9%
<b>National</b>	<b>21118</b>	<b>13506</b>	<b>7478</b>	<b>6028</b>	<b>7127</b>	<b>489</b>	<b>64%</b>	<b>35%</b>	<b>29%</b>	<b>34%</b>	<b>2%</b>

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

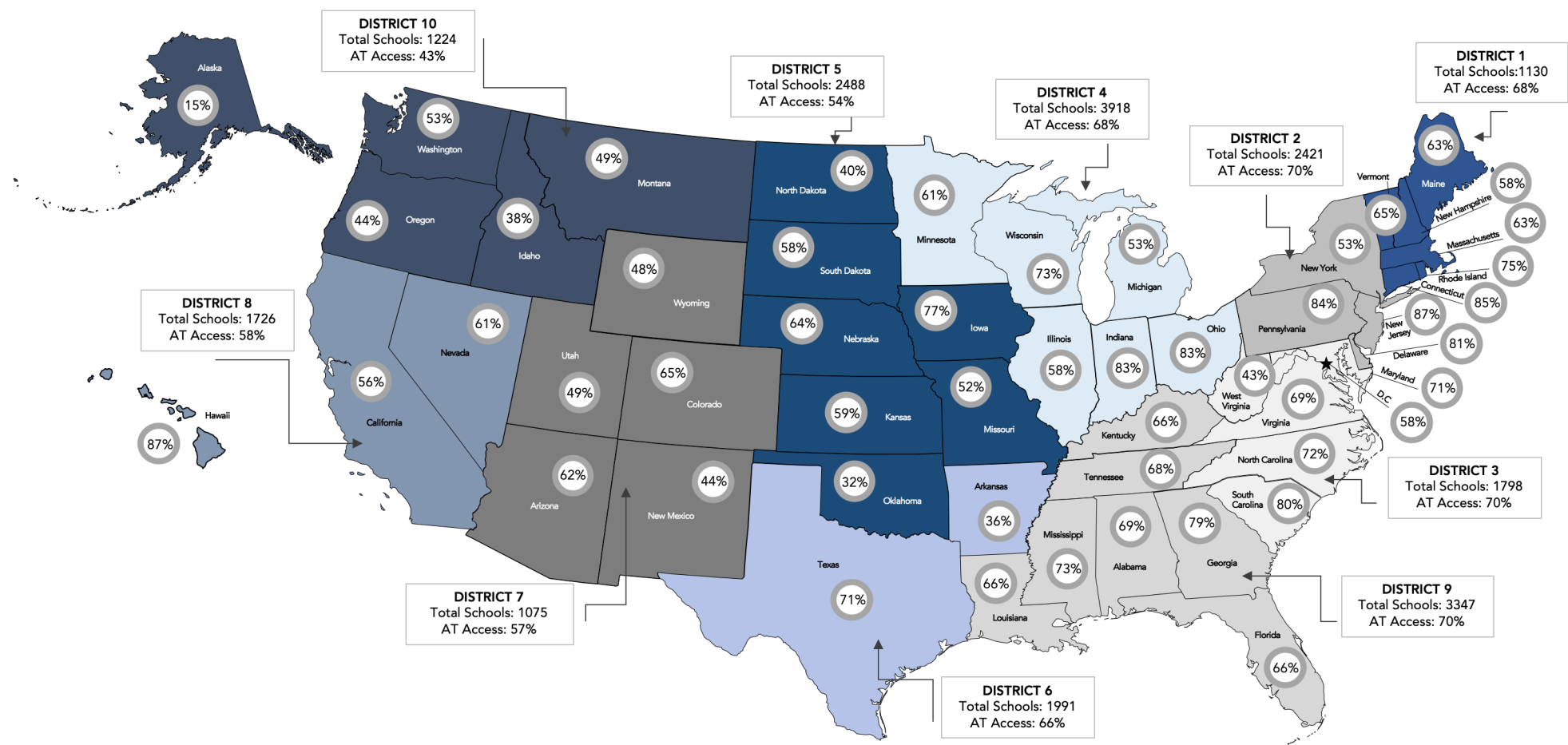


Figure 4. Access to Full-time Athletic Training Services by State and District

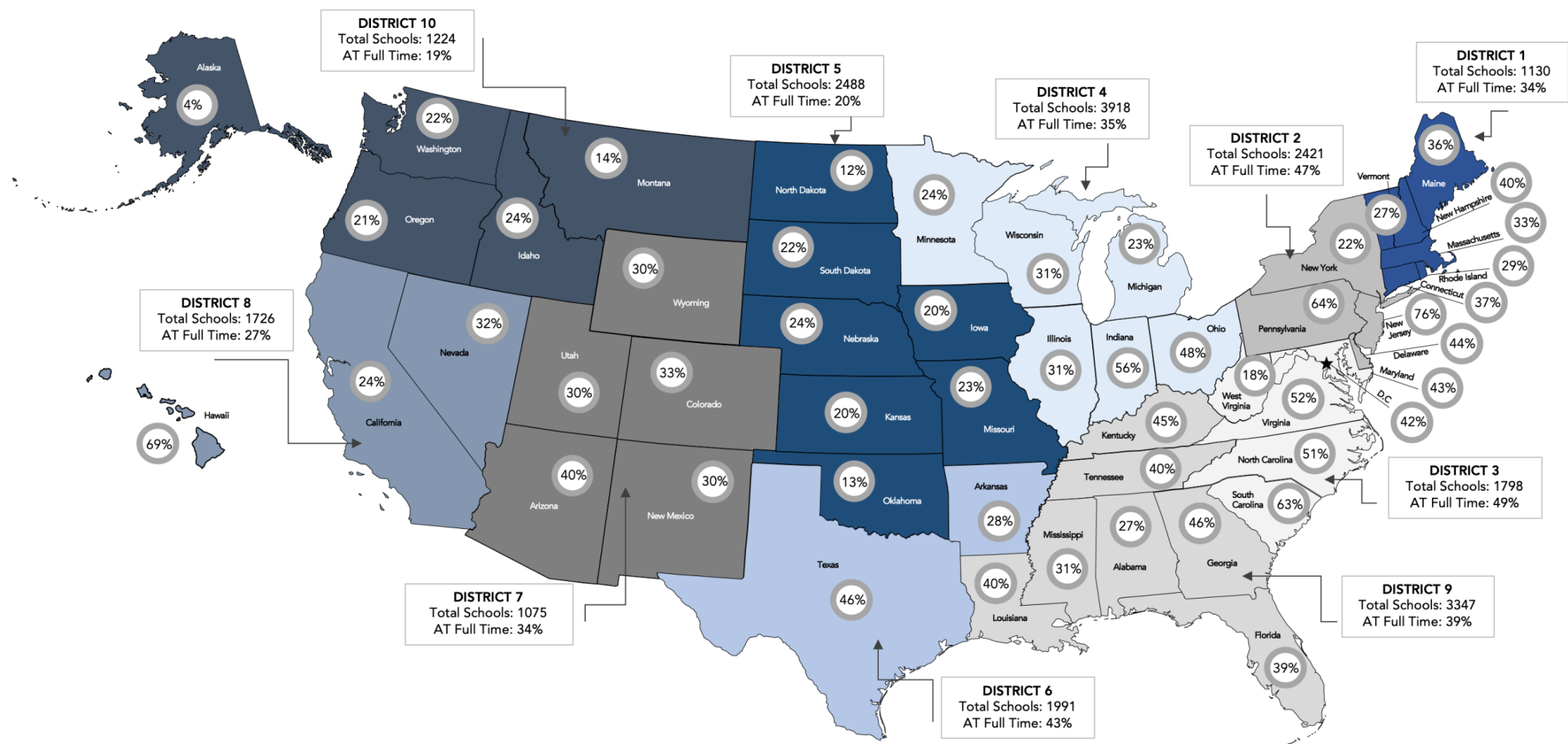


Figure 5. Access to Part-time Athletic Training Services by State and District

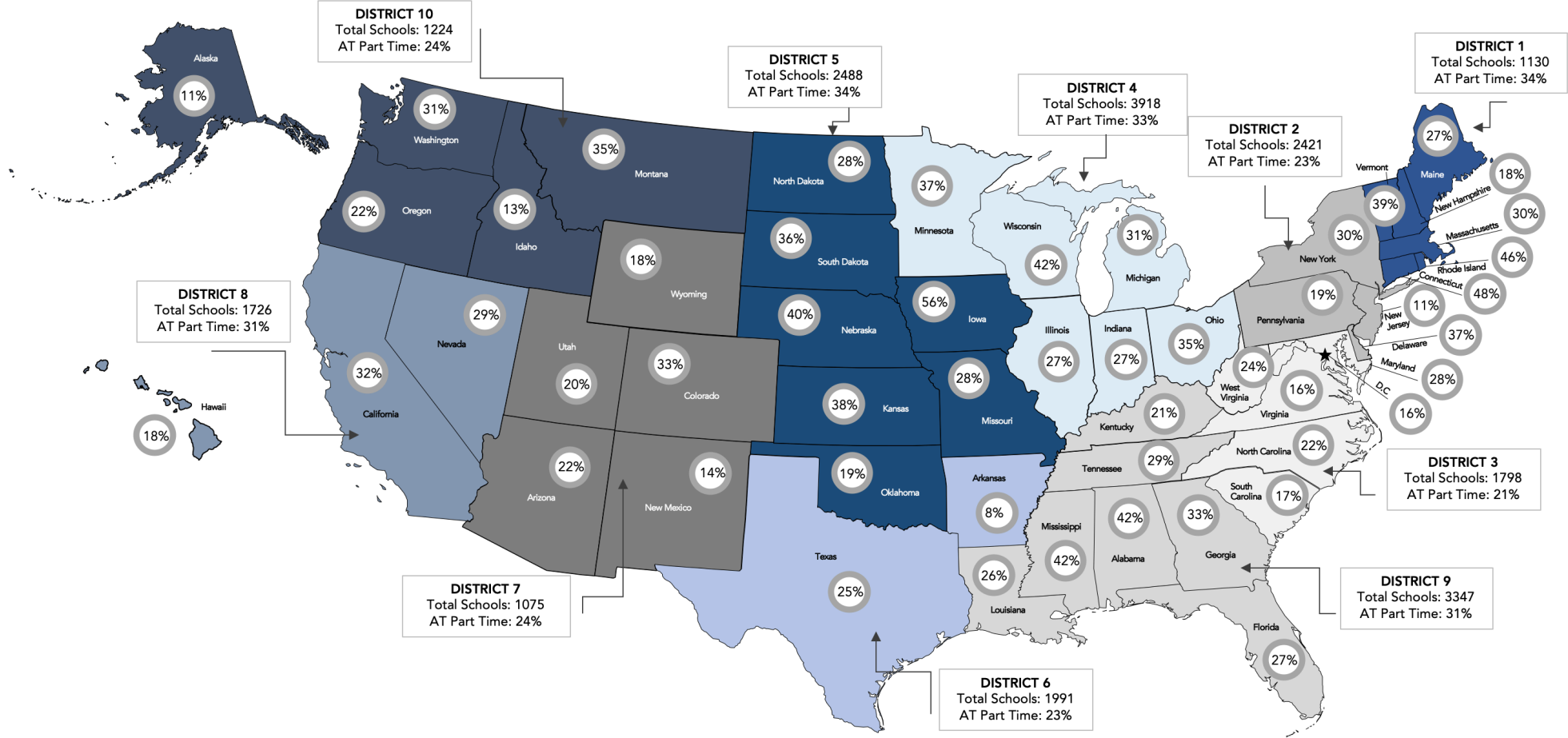


Figure 6. Athletic Training Services in US Secondary Schools

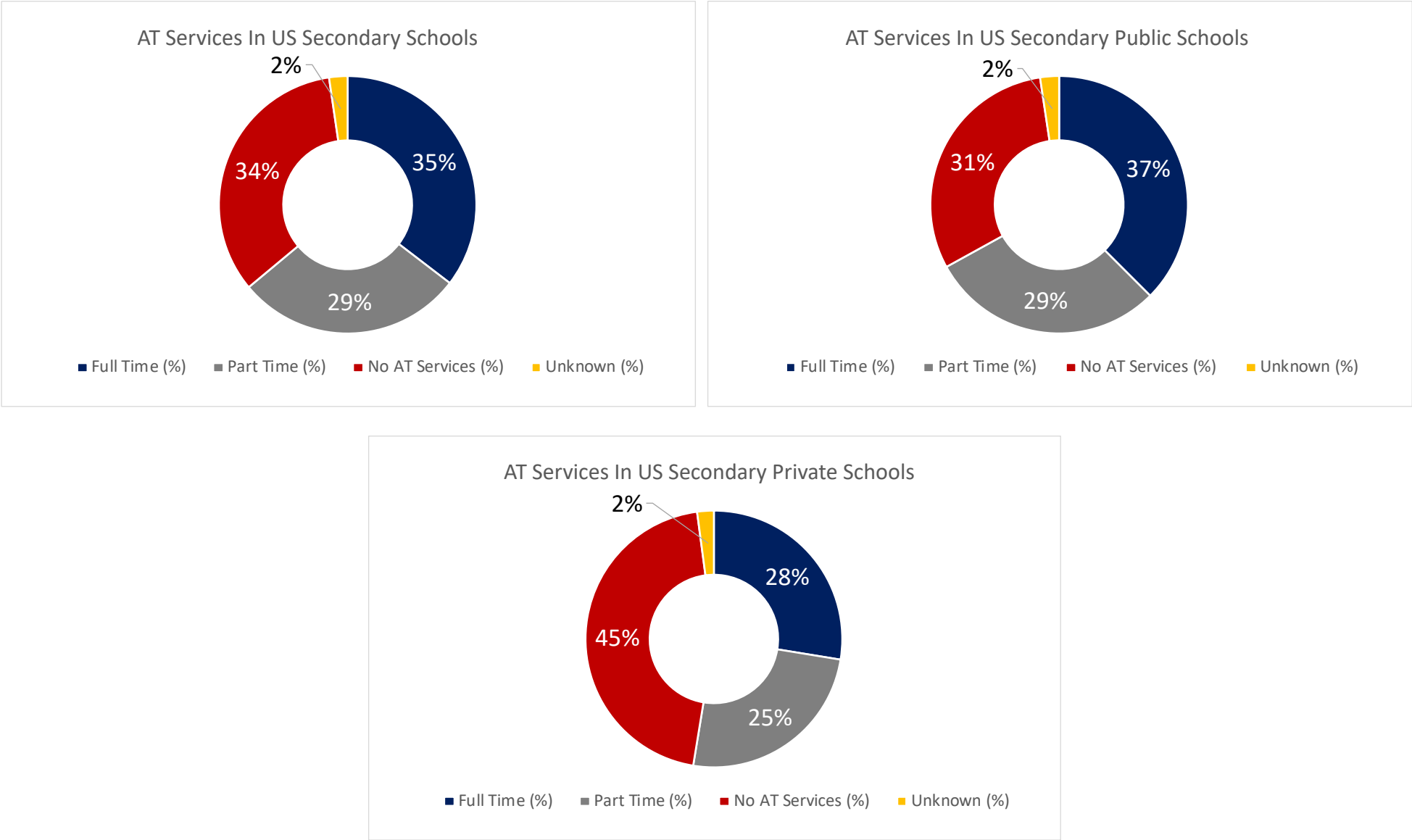


Table 2. Athletic Training Services in US Public Secondary Schools, by State

State	Public Schools										
	Total Schools (n)	AT Services (n)	Full Time (n)	Part Time (n)	No AT Services (n)	Unknown (n)	AT Services (%)	Full Time (%)	Part Time (%)	No AT Services (%)	Unknown (%)
Alabama	365	273	107	166	92	0	75%	29%	45%	25%	0%
Alaska	147	21	4	17	126	0	14%	3%	12%	86%	0%
Arizona	248	168	113	55	67	13	68%	46%	22%	27%	5%
Arkansas	269	97	75	22	132	40	36%	28%	8%	49%	15%
California	1077	630	277	353	447	0	58%	26%	33%	42%	0%
Colorado	319	211	103	108	102	6	66%	32%	34%	32%	2%
Connecticut	171	152	53	99	14	5	89%	31%	58%	8%	3%
Delaware	41	37	20	17	4	0	90%	49%	41%	10%	0%
District of Columbia	33	18	12	6	15	0	55%	36%	18%	45%	0%
Florida	490	383	234	149	81	26	78%	48%	30%	17%	5%
Georgia	406	357	207	150	42	7	88%	51%	37%	10%	2%
Hawaii	45	43	39	4	2	0	96%	87%	9%	4%	0%
Idaho	157	61	42	19	96	0	39%	27%	12%	61%	0%
Illinois	678	408	223	185	269	1	60%	33%	27%	40%	0%
Indiana	360	319	223	96	39	2	89%	62%	27%	11%	1%
Iowa	324	254	67	187	66	4	78%	21%	58%	20%	1%
Kansas	330	201	69	132	129	0	61%	21%	40%	39%	0%
Kentucky	236	168	114	54	66	2	71%	48%	23%	28%	1%
Louisiana	317	223	129	94	76	18	70%	41%	30%	24%	6%
Maine	117	74	41	33	43	0	63%	35%	28%	37%	0%
Maryland	202	152	85	67	36	14	75%	42%	33%	18%	7%
Massachusetts	351	219	113	106	126	6	62%	32%	30%	36%	2%
Michigan	656	373	159	214	283	0	57%	24%	33%	43%	0%
Minnesota	411	264	102	162	124	23	64%	25%	39%	30%	6%
Mississippi	246	188	87	101	54	4	76%	35%	41%	22%	2%
Missouri	527	270	127	143	244	13	51%	24%	27%	46%	2%
Montana	168	83	23	60	85	0	49%	14%	36%	51%	0%
Nebraska	260	160	56	104	100	0	62%	22%	40%	38%	0%
Nevada	92	59	30	29	33	0	64%	33%	32%	36%	0%
New Hampshire	80	54	36	18	26	0	68%	45%	23%	33%	0%
New Jersey	352	332	297	35	13	7	94%	84%	10%	4%	2%
New Mexico	128	55	39	16	73	0	43%	30%	13%	57%	0%
New York	897	479	204	275	363	55	53%	23%	31%	40%	6%
North Carolina	424	324	240	84	86	14	76%	57%	20%	20%	3%
North Dakota	148	56	17	39	89	3	38%	11%	26%	60%	2%
Ohio	712	610	351	259	102	0	86%	49%	36%	14%	0%
Oklahoma	456	144	57	87	312	0	32%	13%	19%	68%	0%
Oregon	237	113	54	59	124	0	48%	23%	25%	52%	0%
Pennsylvania	613	550	436	114	41	22	90%	71%	19%	7%	4%
Rhode Island	45	31	8	23	11	3	69%	18%	51%	24%	7%
South Carolina	216	192	157	35	18	6	89%	73%	16%	8%	3%
South Dakota	149	83	31	52	66	0	56%	21%	35%	44%	0%
Tennessee	341	243	141	102	80	18	71%	41%	30%	23%	5%
Texas	1383	1047	710	337	269	67	76%	51%	24%	19%	5%
Utah	135	85	51	34	50	0	63%	38%	25%	37%	0%
Vermont	60	42	14	28	18	0	70%	23%	47%	30%	0%
Virginia	317	259	207	52	58	0	82%	65%	16%	18%	0%
Washington	342	192	82	110	137	13	56%	24%	32%	40%	4%
West Virginia	116	50	23	27	66	0	43%	20%	23%	57%	0%
Wisconsin	415	329	142	187	86	0	79%	34%	45%	21%	0%
Wyoming	74	38	24	14	32	4	51%	32%	19%	43%	5%
<b>National</b>	<b>16683</b>	<b>11174</b>	<b>6255</b>	<b>4919</b>	<b>5113</b>	<b>396</b>	<b>67%</b>	<b>37%</b>	<b>29%</b>	<b>31%</b>	<b>2%</b>

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

State	Private Schools										
	Total Schools (n)	AT Services (n)	Full Time (n)	Part Time (n)	No AT Services (n)	Unknown (n)	AT Services (%)	Full Time (%)	Part Time (%)	No AT Services (%)	Unknown (%)
Alabama	115	59	22	37	53	3	51%	19%	32%	46%	3%
Alaska	9	2	2	0	7	0	22%	22%	0%	78%	0%
Arizona	54	20	9	11	32	2	37%	17%	20%	59%	4%
Arkansas	34	13	11	2	20	1	38%	32%	6%	59%	3%
California	464	239	99	140	225	0	52%	21%	30%	48%	0%
Colorado	41	24	14	10	16	1	59%	34%	24%	39%	2%
Connecticut	67	51	36	15	16	0	76%	54%	22%	24%	0%
Delaware	27	18	10	8	9	0	67%	37%	30%	33%	0%
District of Columbia	17	11	9	2	6	0	65%	53%	12%	35%	0%
Florida	281	125	69	56	149	7	44%	25%	20%	53%	2%
Georgia	174	101	58	43	71	2	58%	33%	25%	41%	1%
Hawaii	33	25	15	10	8	0	76%	45%	30%	24%	0%
Idaho	23	7	2	5	16	0	30%	9%	22%	70%	0%
Illinois	151	75	36	39	76	0	50%	24%	26%	50%	0%
Indiana	79	46	23	23	33	0	58%	29%	29%	42%	0%
Iowa	43	27	7	20	13	3	63%	16%	47%	30%	7%
Kansas	38	15	6	9	23	0	39%	16%	24%	61%	0%
Kentucky	62	30	21	9	30	2	48%	34%	15%	48%	3%
Louisiana	119	66	47	19	46	7	55%	39%	16%	39%	6%
Maine	30	18	12	6	12	0	60%	40%	20%	40%	0%
Maryland	115	73	50	23	42	0	63%	43%	20%	37%	0%
Massachusetts	125	81	44	37	40	4	65%	35%	30%	32%	3%
Michigan	134	48	19	29	86	0	36%	14%	22%	64%	0%
Minnesota	76	33	14	19	28	15	43%	18%	25%	37%	20%
Mississippi	83	52	16	36	31	0	63%	19%	43%	37%	0%
Missouri	114	62	23	39	49	3	54%	20%	34%	43%	3%
Montana	13	5	2	3	8	0	38%	15%	23%	62%	0%
Nebraska	37	29	15	14	8	0	78%	41%	38%	22%	0%
Nevada	15	6	4	2	9	0	40%	27%	13%	60%	0%
New Hampshire	43	17	13	4	26	0	40%	30%	9%	60%	0%
New Jersey	100	61	46	15	35	4	61%	46%	15%	35%	4%
New Mexico	24	12	7	5	12	0	50%	29%	21%	50%	0%
New York	194	98	41	57	79	17	51%	21%	29%	41%	9%
North Carolina	106	59	29	30	47	0	56%	27%	28%	44%	0%
North Dakota	8	6	1	5	2	0	75%	13%	63%	25%	0%
Ohio	152	104	60	44	48	0	68%	39%	29%	32%	0%
Oklahoma	39	16	7	9	23	0	41%	18%	23%	59%	0%
Oregon	52	13	8	5	35	4	25%	15%	10%	67%	8%
Pennsylvania	197	127	85	42	65	5	64%	43%	21%	33%	3%
Rhode Island	18	16	10	6	2	0	89%	56%	33%	11%	0%
South Carolina	92	53	36	17	39	0	58%	39%	18%	42%	0%
South Dakota	15	12	5	7	3	0	80%	33%	47%	20%	0%
Tennessee	112	67	39	28	37	8	60%	35%	25%	33%	7%
Texas	305	153	66	87	152	0	50%	22%	29%	50%	0%
Utah	47	5	3	2	42	0	11%	6%	4%	89%	0%
Vermont	23	12	8	4	11	0	52%	35%	17%	48%	0%
Virginia	145	58	35	23	87	0	40%	24%	16%	60%	0%
Washington	76	31	11	20	43	2	41%	14%	26%	57%	3%
West Virginia	15	6	1	5	9	0	40%	7%	33%	60%	0%
Wisconsin	94	45	17	28	49	0	48%	18%	30%	52%	0%
Wyoming	5	0	0	0	2	3	0%	0%	0%	40%	60%
<b>National</b>	<b>4435</b>	<b>2332</b>	<b>1223</b>	<b>1109</b>	<b>2010</b>	<b>93</b>	<b>53%</b>	<b>28%</b>	<b>25%</b>	<b>45%</b>	<b>2%</b>



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

School Type	Year (AY)	AT Services By Year										
		Total Schools (n)	AT Services (n)	Full Time (n)	Part Time (n)	No AT Services (n)	Unknown (n)	AT Services (%)	Full Time (%)	Part Time (%)	No AT Services (%)	Unknown (%)
<b>Public</b>	<b>2019</b>	<b>16683</b>	<b>11174</b>	<b>6255</b>	<b>4919</b>	<b>5113</b>	<b>396</b>	<b>67%</b>	<b>37%</b>	<b>29%</b>	<b>31%</b>	<b>2%</b>
Public	2018	16104	11135	6187	4948	4867	0	69%	38%	31%	31%	0%
Public	2017	16076	11171	5990	5181	4905	0	69%	37%	32%	31%	0%
<b>Private</b>	<b>2019</b>	<b>4435</b>	<b>2332</b>	<b>1223</b>	<b>1109</b>	<b>2010</b>	<b>93</b>	<b>53%</b>	<b>28%</b>	<b>25%</b>	<b>45%</b>	<b>2%</b>
Private	2018	4310	2353	1230	1123	1956	0	55%	29%	26%	45%	0%
Private	2017	4196	2302	1129	1173	1894	0	55%	27%	28%	58%	0%
<b>Public + Private</b>	<b>2019</b>	<b>21118</b>	<b>13506</b>	<b>7478</b>	<b>6028</b>	<b>7127</b>	<b>489</b>	<b>64%</b>	<b>35%</b>	<b>29%</b>	<b>34%</b>	<b>2%</b>
Public + Private	2018	20414	13488	7417	6071	6923	0	66%	36%	30%	34%	0%
Public + Private	2017	20272	13473	7119	6354	6799	0	66%	35%	31%	315%	0%

## Athletic Training Services by NATA District

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

NATA District	Public and Private Schools										
	Total Schools (n)	AT Services (n)	Full Time (n)	Part Time (n)	No AT Services (n)	Unknown (n)	AT Services (%)	Full Time (%)	Part Time (%)	No AT Services (%)	Unknown (%)
District 1	1130	767	388	379	345	18	68%	34%	34%	31%	2%
District 2	2421	1702	1139	563	612	110	70%	47%	23%	25%	5%
District 3	1798	1255	884	371	509	34	70%	49%	21%	28%	2%
District 4	3918	2654	1369	1285	1223	41	68%	35%	33%	31%	1%
District 5	2488	1335	488	847	1127	26	54%	20%	34%	45%	1%
District 6	1991	1310	862	448	573	108	66%	43%	23%	29%	5%
District 7	1075	618	363	255	428	29	57%	34%	24%	40%	3%
District 8	1726	1002	464	538	724	0	58%	27%	31%	42%	0%
District 9	3347	2335	1291	1044	909	104	70%	39%	31%	27%	3%
District 10	1224	528	230	298	677	19	43%	19%	24%	55%	2%
National	21118	13506	7478	6028	7127	489	64%	35%	29%	34%	2%



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

NATA District	Public Schools										
	Total Schools (n)	AT Services (n)	Full Time (n)	Part Time (n)	No AT Services (n)	Unknown (n)	AT Services (%)	Full Time (%)	Part Time (%)	No AT Services (%)	Unknown (%)
District 1	824	572	265	307	238	14	69%	32%	37%	29%	2%
District 2	1903	1398	957	441	421	84	73%	50%	23%	22%	4%
District 3	1308	995	724	271	279	34	76%	55%	21%	21%	3%
District 4	3232	2303	1200	1103	903	26	71%	37%	34%	28%	1%
District 5	2194	1168	424	744	1006	20	53%	19%	34%	46%	1%
District 6	1652	1144	785	359	401	107	69%	48%	22%	24%	6%
District 7	904	557	330	227	324	23	62%	37%	25%	36%	3%
District 8	1214	732	346	386	482	0	60%	29%	32%	40%	0%
District 9	2401	1835	1019	816	491	75	76%	42%	34%	20%	3%
District 10	1051	470	205	265	568	13	45%	20%	25%	54%	1%
National	16683	11174	6255	4919	5113	396	67%	37%	29%	31%	2%

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)	Unknown (n)	AT Services (%)	Full Time (%)	Part Time (%)	No AT Services (%)	Unknown (%)
District 1	306	195	123	72	107	4	64%	40%	24%	35%	1%
District 2	518	304	182	122	188	26	59%	35%	24%	36%	5%
District 3	490	260	160	100	230	0	53%	33%	20%	47%	0%
District 4	686	351	169	182	320	15	51%	25%	27%	47%	2%
District 5	294	167	64	103	121	6	57%	22%	35%	41%	2%
District 6	339	166	77	89	172	1	49%	23%	26%	51%	0%
District 7	171	61	33	28	104	6	36%	19%	16%	61%	4%
District 8	512	270	118	152	242	0	53%	23%	30%	47%	0%
District 9	946	500	272	228	417	29	53%	29%	24%	44%	3%
District 10	173	58	25	33	109	6	34%	14%	19%	63%	3%
National	4435	2332	1223	1109	2010	93	53%	28%	25%	45%	2%

# 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			Total Missing Unknown (n)
		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	76	32%	39%	29%	59	46%	34%	20%	51	35%	41%	24%	254	22%	46%	32%	37	14%	41%	46%	3
Alaska	11	36%	36%	27%	4	0%	50%	50%	16	0%	50%	50%	124	1%	2%	97%	1	100%	0%	0%	0
Arizona	100	58%	23%	19%	64	63%	20%	17%	42	26%	21%	52%	63	21%	17%	62%	18	0%	56%	44%	15
Arkansas	38	76%	3%	21%	18	67%	11%	22%	54	30%	11%	59%	146	18%	10%	72%	6	33%	17%	50%	41
California	515	30%	35%	35%	521	31%	37%	33%	111	12%	29%	59%	162	12%	20%	67%	232	14%	24%	62%	0
Colorado	82	37%	46%	17%	75	52%	33%	15%	39	33%	44%	23%	143	21%	25%	54%	14	36%	14%	50%	7
Connecticut	48	31%	54%	15%	103	43%	51%	6%	8	0%	75%	25%	44	32%	57%	11%	30	53%	13%	33%	5
Delaware	10	50%	20%	30%	25	40%	48%	12%	5	60%	40%	0%	16	56%	31%	13%	12	25%	33%	42%	0
District of Columbia	42	43%	17%	40%	0	0%	0%	0%	0	0%	0%	0%	0	0%	0%	0%	8	38%	13%	50%	0
Florida	191	42%	34%	24%	329	48%	25%	27%	36	25%	33%	42%	114	37%	28%	35%	68	21%	19%	60%	33
Georgia	105	51%	30%	18%	170	51%	29%	21%	68	56%	29%	15%	186	36%	44%	20%	42	48%	26%	26%	9
Hawaii	21	76%	14%	10%	19	68%	32%	0%	20	80%	5%	15%	8	63%	13%	25%	10	40%	30%	30%	0
Idaho	25	40%	16%	44%	22	41%	23%	36%	28	29%	14%	57%	101	17%	10%	73%	4	0%	25%	75%	0
Illinois	185	19%	14%	67%	212	64%	26%	10%	134	31%	50%	19%	225	17%	32%	51%	72	10%	8%	82%	1
Indiana	94	54%	19%	27%	76	71%	21%	8%	76	57%	34%	9%	177	54%	32%	15%	14	21%	21%	57%	2
Iowa	39	69%	21%	10%	15	73%	13%	13%	82	17%	61%	22%	213	10%	65%	25%	11	9%	73%	18%	7
Kansas	40	63%	20%	18%	23	48%	26%	26%	77	21%	51%	29%	223	9%	39%	52%	5	60%	40%	0%	0
Kentucky	47	70%	17%	13%	49	69%	24%	6%	68	40%	22%	38%	108	31%	19%	49%	22	32%	32%	36%	4
Louisiana	88	61%	26%	13%	72	68%	14%	18%	69	39%	25%	36%	155	21%	35%	43%	27	48%	30%	22%	25
Maine	11	64%	18%	18%	20	65%	25%	10%	21	48%	29%	24%	85	25%	27%	48%	10	20%	30%	50%	0
Maryland	59	37%	25%	37%	148	49%	30%	22%	15	47%	20%	33%	62	42%	37%	21%	19	42%	26%	32%	14

Massachusetts	91	19%	27%	54%	274	40%	32%	28%	11	9%	27%	64%	62	27%	24%	48%	28	43%	43%	14%	10
Michigan	130	18%	28%	53%	221	35%	32%	33%	93	24%	52%	25%	303	15%	26%	59%	43	21%	21%	58%	0
Minnesota	58	34%	33%	33%	71	51%	32%	17%	92	32%	50%	18%	211	13%	42%	45%	17	24%	24%	53%	38
Mississippi	17	35%	35%	29%	23	74%	22%	4%	69	32%	45%	23%	181	30%	45%	24%	35	9%	37%	54%	4
Missouri	77	32%	25%	43%	101	52%	33%	15%	97	25%	44%	31%	322	13%	24%	64%	28	25%	39%	36%	16
Montana	11	73%	27%	0%	0	0%	0%	0%	29	45%	17%	38%	137	3%	39%	58%	4	0%	25%	75%	0
Nebraska	28	89%	7%	4%	11	91%	9%	0%	43	40%	40%	21%	202	8%	45%	47%	13	23%	54%	23%	0
Nevada	34	44%	38%	18%	23	57%	30%	13%	17	18%	18%	65%	28	7%	25%	68%	5	20%	20%	60%	0
New Hampshire	10	60%	20%	20%	30	57%	23%	20%	23	43%	13%	43%	54	30%	17%	54%	6	0%	17%	83%	0
New Jersey	33	67%	9%	24%	336	79%	12%	9%	9	78%	11%	11%	48	81%	10%	8%	15	53%	7%	40%	11
New Mexico	29	59%	21%	21%	9	44%	33%	22%	31	35%	16%	48%	74	15%	8%	77%	9	33%	11%	56%	0
New York	278	15%	24%	61%	302	44%	42%	14%	100	20%	35%	45%	302	13%	30%	57%	40	25%	30%	45%	72
North Carolina	126	60%	25%	16%	101	63%	20%	17%	51	39%	37%	24%	215	47%	19%	34%	23	39%	13%	48%	14
North Dakota	10	80%	20%	0%	3	67%	0%	33%	14	29%	43%	29%	124	3%	29%	68%	2	0%	0%	100%	3
Ohio	121	36%	44%	20%	283	60%	29%	11%	129	43%	40%	18%	304	43%	36%	21%	27	48%	26%	26%	0
Oklahoma	45	36%	38%	27%	34	59%	26%	15%	80	19%	28%	54%	322	4%	14%	82%	14	0%	21%	79%	0
Oregon	53	57%	30%	13%	40	43%	28%	30%	66	15%	38%	47%	113	3%	11%	87%	13	15%	0%	85%	4
Pennsylvania	115	57%	27%	17%	326	79%	13%	8%	91	68%	18%	14%	208	57%	28%	15%	43	42%	19%	40%	27
Rhode Island	13	38%	54%	8%	34	24%	56%	21%	0	0%	0%	0%	6	33%	17%	50%	7	43%	29%	29%	3
South Carolina	47	74%	15%	11%	78	73%	9%	18%	34	68%	18%	15%	125	56%	22%	22%	18	44%	22%	33%	6
South Dakota	8	75%	13%	13%	1	0%	100%	0%	25	64%	20%	16%	125	11%	38%	50%	5	0%	80%	20%	0
Tennessee	122	32%	30%	39%	62	55%	27%	18%	61	43%	38%	20%	158	44%	30%	27%	25	48%	28%	24%	26
Texas	405	61%	22%	17%	264	73%	14%	13%	197	58%	25%	17%	679	29%	34%	37%	76	26%	25%	49%	67
Utah	24	42%	29%	29%	68	41%	28%	31%	20	40%	20%	40%	29	7%	10%	83%	41	15%	7%	78%	0
Vermont	4	50%	0%	50%	3	33%	67%	0%	21	33%	52%	14%	48	21%	35%	44%	7	29%	29%	43%	0
Virginia	86	59%	21%	20%	135	67%	12%	21%	44	41%	18%	41%	164	43%	19%	38%	33	39%	6%	55%	0
Washington	89	43%	45%	12%	104	33%	50%	17%	57	18%	25%	58%	131	5%	14%	82%	22	23%	27%	50%	15
West Virginia	14	29%	36%	36%	16	25%	31%	44%	27	22%	22%	56%	72	14%	22%	64%	2	0%	0%	100%	0
Wisconsin	86	37%	27%	36%	76	61%	24%	16%	93	41%	45%	14%	244	17%	52%	30%	10	10%	40%	50%	0
Wyoming	5	100%	0%	0%	0	0%	0%	0%	17	59%	18%	24%	49	16%	22%	61%	1	100%	0%	0%	7
<b>National</b>	<b>3996</b>	<b>42%</b>	<b>28%</b>	<b>30%</b>	<b>5053</b>	<b>54%</b>	<b>27%</b>	<b>19%</b>	<b>2661</b>	<b>36%</b>	<b>34%</b>	<b>30%</b>	<b>7649</b>	<b>23%</b>	<b>30%</b>	<b>46%</b>	<b>1274</b>	<b>25%</b>	<b>24%</b>	<b>50%</b>	<b>489</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			Total Missing Unknown (n)
		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	42	36%	43%	21%	46	54%	35%	11%	45	38%	44%	18%	221	23%	48%	29%	11	0%	55%	45%	0
Alaska	7	43%	57%	0%	3	0%	67%	33%	14	0%	57%	43%	123	1%	2%	97%	0	0%	0%	0%	0
Arizona	77	68%	23%	9%	56	68%	21%	11%	39	28%	23%	49%	55	22%	18%	60%	8	0%	75%	25%	13
Arkansas	23	96%	0%	4%	15	80%	13%	7%	50	30%	12%	58%	137	18%	9%	72%	4	25%	25%	50%	40
California	343	31%	38%	31%	394	34%	38%	27%	100	13%	31%	56%	137	12%	21%	67%	103	7%	10%	83%	0
Colorado	69	36%	51%	13%	64	56%	34%	9%	38	34%	42%	24%	139	20%	24%	55%	3	33%	33%	33%	6
Connecticut	36	22%	64%	14%	89	43%	52%	6%	8	0%	75%	25%	31	19%	74%	6%	2	50%	50%	0%	5
Delaware	6	33%	17%	50%	19	37%	58%	5%	4	75%	25%	0%	12	67%	33%	0%	0	0%	0%	0%	0
District of Columbia	32	38%	19%	44%	0	0%	0%	0%	0	0%	0%	0%	0	0%	0%	0%	1	0%	0%	100%	0
Florida	112	50%	38%	13%	221	57%	29%	14%	31	29%	39%	32%	92	41%	32%	27%	8	50%	25%	25%	26
Georgia	61	51%	31%	18%	130	58%	33%	9%	58	62%	33%	5%	145	43%	46%	11%	5	60%	40%	0%	7
Hawaii	9	89%	11%	0%	15	87%	13%	0%	13	100%	0%	0%	8	63%	13%	25%	0	0%	0%	0%	0
Idaho	22	41%	18%	41%	15	60%	13%	27%	25	32%	16%	52%	94	17%	10%	73%	1	0%	0%	100%	0
Illinois	137	18%	9%	74%	168	73%	24%	3%	123	31%	51%	18%	215	18%	33%	50%	34	0%	0%	100%	1
Indiana	61	61%	15%	25%	63	79%	21%	0%	67	63%	31%	6%	165	56%	32%	12%	2	50%	0%	50%	2
Iowa	28	86%	14%	0%	12	92%	8%	0%	72	18%	64%	18%	204	9%	66%	25%	4	25%	50%	25%	4
Kansas	27	81%	15%	4%	16	63%	31%	6%	65	23%	54%	23%	218	9%	39%	51%	4	50%	50%	0%	0
Kentucky	29	76%	21%	3%	36	78%	22%	0%	62	44%	24%	32%	96	33%	22%	45%	11	45%	36%	18%	2
Louisiana	53	60%	30%	9%	46	80%	15%	4%	53	43%	26%	30%	138	22%	40%	38%	9	67%	22%	11%	18
Maine	7	71%	14%	14%	16	69%	25%	6%	17	53%	29%	18%	70	21%	30%	49%	7	14%	29%	57%	0
Maryland	38	26%	32%	42%	94	51%	34%	15%	10	60%	30%	10%	43	47%	47%	7%	3	33%	0%	67%	14

Massachusetts	64	17%	23%	59%	220	40%	35%	25%	10	10%	20%	70%	49	27%	20%	53%	2	50%	50%	0%	6
Michigan	100	19%	24%	57%	179	40%	36%	24%	86	26%	53%	21%	280	16%	28%	56%	11	18%	9%	73%	0
Minnesota	41	37%	39%	24%	56	57%	32%	11%	83	33%	49%	18%	201	13%	42%	44%	7	14%	29%	57%	23
Mississippi	12	42%	42%	17%	15	80%	20%	0%	56	38%	43%	20%	147	33%	44%	23%	12	8%	33%	58%	4
Missouri	51	37%	22%	41%	69	68%	28%	4%	89	26%	45%	29%	303	13%	24%	64%	2	0%	50%	50%	13
Montana	8	88%	13%	0%	0	0%	0%	0%	26	46%	19%	35%	132	3%	40%	57%	2	0%	50%	50%	0
Nebraska	18	94%	6%	0%	9	100%	0%	0%	35	43%	37%	20%	194	8%	45%	47%	4	0%	50%	50%	0
Nevada	29	52%	41%	7%	18	61%	33%	6%	17	18%	18%	65%	26	4%	27%	69%	2	0%	50%	50%	0
New Hampshire	5	60%	40%	0%	25	60%	24%	16%	14	57%	14%	29%	36	28%	22%	50%	0	0%	0%	0%	0
New Jersey	27	70%	7%	22%	271	87%	10%	2%	9	78%	11%	11%	37	89%	11%	0%	1	100%	0%	0%	7
New Mexico	19	63%	21%	16%	6	67%	33%	0%	29	38%	17%	45%	71	15%	7%	77%	3	33%	0%	67%	0
New York	201	12%	19%	68%	256	46%	44%	10%	93	22%	37%	42%	285	13%	31%	56%	7	29%	29%	43%	55
North Carolina	79	73%	15%	11%	80	73%	19%	9%	50	40%	38%	22%	194	52%	19%	30%	7	57%	29%	14%	14
North Dakota	7	100%	0%	0%	3	67%	0%	33%	9	44%	33%	22%	124	3%	29%	68%	2	0%	0%	100%	3
Ohio	79	32%	47%	22%	226	64%	30%	7%	115	46%	43%	11%	288	44%	36%	19%	4	50%	25%	25%	0
Oklahoma	30	33%	50%	17%	29	69%	24%	7%	78	19%	28%	53%	313	4%	14%	82%	6	0%	0%	100%	0
Oregon	39	64%	33%	3%	28	54%	39%	7%	61	16%	39%	44%	105	3%	10%	87%	4	25%	0%	75%	0
Pennsylvania	78	54%	31%	15%	240	90%	8%	2%	79	76%	15%	9%	183	61%	30%	9%	11	64%	27%	9%	22
Rhode Island	7	14%	86%	0%	27	19%	59%	22%	0	0%	0%	0%	6	33%	17%	50%	2	0%	0%	100%	3
South Carolina	30	93%	3%	3%	53	87%	13%	0%	25	80%	16%	4%	95	64%	21%	15%	7	29%	43%	29%	6
South Dakota	5	80%	20%	0%	1	0%	100%	0%	21	67%	19%	14%	120	11%	38%	52%	2	0%	50%	50%	0
Tennessee	83	29%	29%	42%	46	63%	28%	9%	53	49%	42%	9%	140	44%	31%	26%	1	100%	0%	0%	18
Texas	267	79%	16%	5%	207	86%	11%	3%	186	61%	26%	12%	644	31%	34%	35%	12	67%	17%	17%	67
Utah	16	56%	31%	13%	52	50%	37%	13%	18	44%	22%	33%	17	12%	18%	71%	32	19%	9%	72%	0
Vermont	2	50%	0%	50%	3	33%	67%	0%	17	35%	59%	6%	37	16%	43%	41%	1	0%	0%	100%	0
Virginia	52	79%	19%	2%	102	83%	13%	4%	38	45%	18%	37%	118	51%	19%	31%	7	57%	0%	43%	0
Washington	69	48%	45%	7%	83	39%	54%	7%	50	18%	28%	54%	121	5%	13%	82%	6	33%	67%	0%	13
West Virginia	8	38%	38%	25%	14	29%	36%	36%	25	24%	20%	56%	69	14%	20%	65%	0	0%	0%	0%	0
Wisconsin	47	53%	23%	23%	62	69%	21%	10%	79	44%	47%	9%	225	17%	56%	27%	2	0%	0%	100%	0
Wyoming	5	100%	0%	0%	0	0%	0%	0%	16	63%	19%	19%	48	17%	23%	60%	1	100%	0%	0%	4
<b>National</b>	<b>2697</b>	<b>46%</b>	<b>27%</b>	<b>27%</b>	<b>3898</b>	<b>61%</b>	<b>28%</b>	<b>11%</b>	<b>2361</b>	<b>38%</b>	<b>35%</b>	<b>26%</b>	<b>6951</b>	<b>24%</b>	<b>31%</b>	<b>45%</b>	<b>380</b>	<b>21%</b>	<b>20%</b>	<b>59%</b>	<b>396</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			Total Missing Unknown (n)
		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	34	26%	35%	38%	13	15%	31%	54%	6	17%	17%	67%	33	15%	33%	52%	26	19%	35%	46%	3
Alaska	4	25%	0%	75%	1	0%	0%	100%	2	0%	0%	100%	1	0%	0%	100%	1	100%	0%	0%	0
Arizona	23	26%	22%	52%	8	25%	13%	63%	3	0%	0%	100%	8	13%	13%	75%	10	0%	40%	60%	2
Arkansas	15	47%	7%	47%	3	0%	0%	100%	4	25%	0%	75%	9	22%	11%	67%	2	50%	0%	50%	1
California	172	27%	28%	45%	127	19%	31%	50%	11	0%	9%	91%	25	16%	16%	68%	129	19%	36%	45%	0
Colorado	13	38%	23%	38%	11	27%	27%	45%	1	0%	100%	0%	4	50%	50%	0%	11	36%	9%	55%	1
Connecticut	12	58%	25%	17%	14	43%	50%	7%	0	0%	0%	0%	13	62%	15%	23%	28	54%	11%	36%	0
Delaware	4	75%	25%	0%	6	50%	17%	33%	1	0%	100%	0%	4	25%	25%	50%	12	25%	33%	42%	0
District of Columbia	10	60%	10%	30%	0	0%	0%	0%	0	0%	0%	0%	0	0%	0%	0%	7	43%	14%	43%	0
Florida	79	32%	29%	39%	108	28%	18%	55%	5	0%	0%	100%	22	18%	14%	68%	60	17%	18%	65%	7
Georgia	44	52%	30%	18%	40	28%	15%	58%	10	20%	10%	70%	41	12%	34%	54%	37	46%	24%	30%	2
Hawaii	12	67%	17%	17%	4	0%	100%	0%	7	43%	14%	43%	0	0%	0%	0%	10	40%	30%	30%	0
Idaho	3	33%	0%	67%	7	0%	43%	57%	3	0%	0%	100%	7	14%	14%	71%	3	0%	33%	67%	0
Illinois	48	25%	27%	48%	44	27%	34%	39%	11	36%	36%	27%	10	10%	10%	80%	38	18%	16%	66%	0
Indiana	33	42%	27%	30%	13	31%	23%	46%	9	11%	56%	33%	12	17%	25%	58%	12	17%	25%	58%	0
Iowa	11	27%	36%	36%	3	0%	33%	67%	10	10%	40%	50%	9	33%	56%	11%	7	0%	86%	14%	3
Kansas	13	23%	31%	46%	7	14%	14%	71%	12	8%	33%	58%	5	0%	0%	100%	1	100%	0%	0%	0
Kentucky	18	61%	11%	28%	13	46%	31%	23%	6	0%	0%	100%	12	17%	0%	83%	11	18%	27%	55%	2
Louisiana	35	63%	20%	17%	26	46%	12%	42%	16	25%	19%	56%	17	12%	0%	88%	18	39%	33%	28%	7
Maine	4	50%	25%	25%	4	50%	25%	25%	4	25%	25%	50%	15	40%	13%	47%	3	33%	33%	33%	0
Maryland	21	57%	14%	29%	54	44%	22%	33%	5	20%	0%	80%	19	32%	16%	53%	16	44%	31%	25%	0

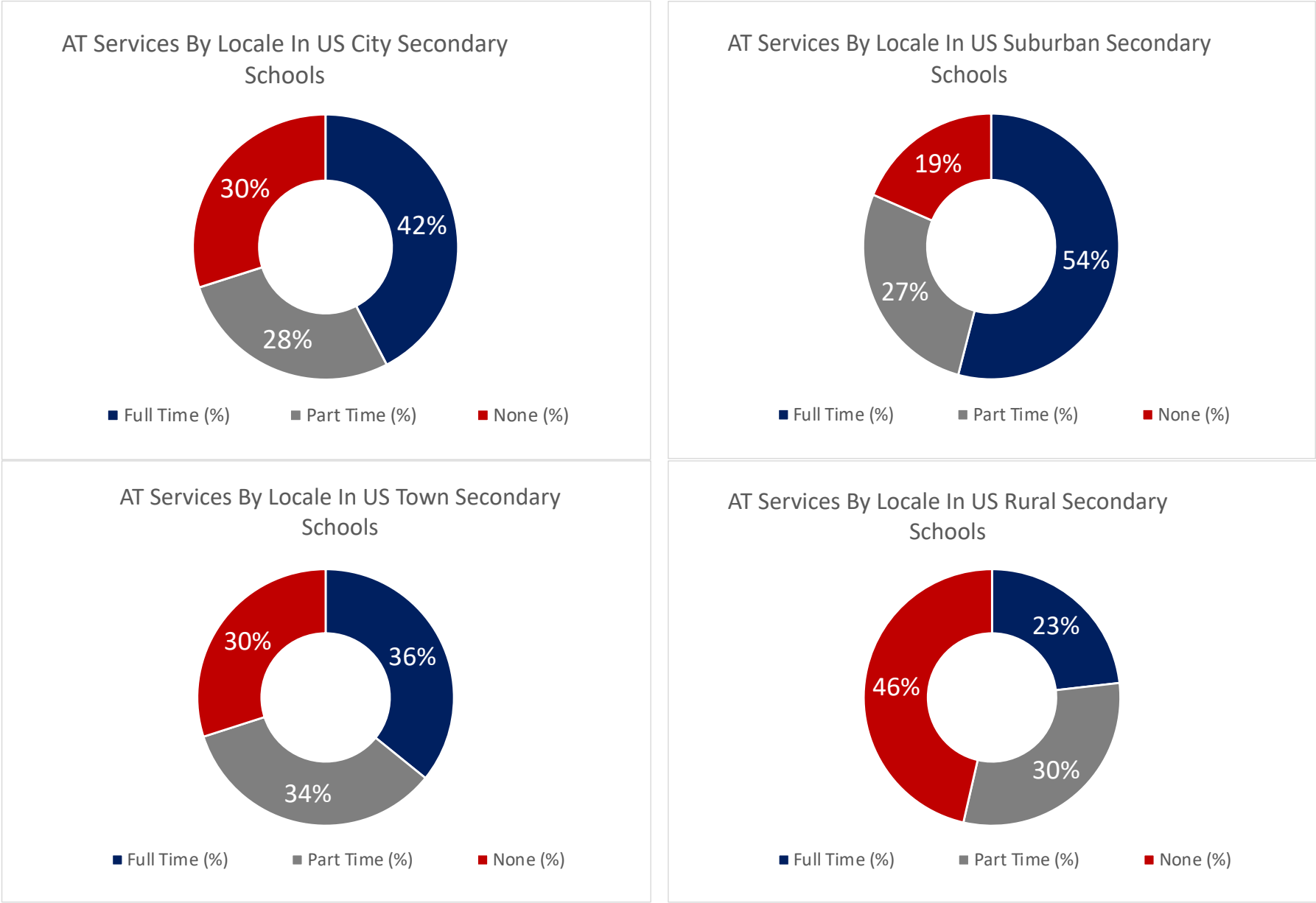
Massachusetts	27	22%	37%	41%	54	43%	19%	39%	1	0%	100%	0%	13	31%	38%	31%	26	42%	42%	15%	4
Michigan	30	17%	43%	40%	42	14%	14%	71%	7	0%	29%	71%	23	4%	0%	96%	32	22%	25%	53%	0
Minnesota	17	29%	18%	53%	15	27%	33%	40%	9	22%	56%	22%	10	0%	40%	60%	10	30%	20%	50%	15
Mississippi	5	20%	20%	60%	8	63%	25%	13%	13	8%	54%	38%	34	21%	50%	29%	23	9%	39%	52%	0
Missouri	26	23%	31%	46%	32	19%	44%	38%	8	13%	38%	50%	19	16%	21%	63%	26	27%	38%	35%	3
Montana	3	33%	67%	0%	0	0%	0%	0%	3	33%	0%	67%	5	0%	20%	80%	2	0%	0%	100%	0
Nebraska	10	80%	10%	10%	2	50%	50%	0%	8	25%	50%	25%	8	13%	38%	50%	9	33%	56%	11%	0
Nevada	5	0%	20%	80%	5	40%	20%	40%	0	0%	0%	0%	2	50%	0%	50%	3	33%	0%	67%	0
New Hampshire	5	60%	0%	40%	5	40%	20%	40%	9	22%	11%	67%	18	33%	6%	61%	6	0%	17%	83%	0
New Jersey	6	50%	17%	33%	65	46%	18%	35%	0	0%	0%	0%	11	55%	9%	36%	14	50%	7%	43%	4
New Mexico	10	50%	20%	30%	3	0%	33%	67%	2	0%	0%	100%	3	0%	33%	67%	6	33%	17%	50%	0
New York	74	24%	36%	39%	46	28%	35%	37%	7	0%	14%	86%	17	12%	18%	71%	33	24%	30%	45%	17
North Carolina	47	36%	40%	23%	21	29%	24%	48%	1	0%	0%	100%	21	5%	24%	71%	16	31%	6%	63%	0
North Dakota	3	33%	67%	0%	0	0%	0%	0%	5	0%	60%	40%	0	0%	0%	0%	0	0%	0%	0%	0
Ohio	42	45%	38%	17%	57	44%	28%	28%	14	14%	14%	71%	16	19%	25%	56%	23	48%	26%	26%	0
Oklahoma	15	40%	13%	47%	5	0%	40%	60%	2	0%	0%	100%	9	11%	22%	67%	8	0%	38%	63%	0
Oregon	14	36%	21%	43%	12	17%	0%	83%	5	0%	20%	80%	8	0%	13%	88%	9	11%	0%	89%	4
Pennsylvania	37	62%	19%	19%	86	49%	27%	24%	12	17%	33%	50%	25	28%	12%	60%	32	34%	16%	50%	5
Rhode Island	6	67%	17%	17%	7	43%	43%	14%	0	0%	0%	0%	0	0%	0%	0%	5	60%	40%	0%	0
South Carolina	17	41%	35%	24%	25	44%	0%	56%	9	33%	22%	44%	30	30%	27%	43%	11	55%	9%	36%	0
South Dakota	3	67%	0%	33%	0	0%	0%	0%	4	50%	25%	25%	5	20%	60%	20%	3	0%	100%	0%	0
Tennessee	39	38%	31%	31%	16	31%	25%	44%	8	0%	13%	88%	18	44%	22%	33%	23	48%	30%	22%	8
Texas	138	27%	34%	39%	57	26%	25%	49%	11	9%	0%	91%	35	3%	26%	71%	64	19%	27%	55%	0
Utah	8	13%	25%	63%	16	13%	0%	88%	2	0%	0%	100%	12	0%	0%	100%	9	0%	0%	100%	0
Vermont	2	50%	0%	50%	0	0%	0%	0%	4	25%	25%	50%	11	36%	9%	55%	6	33%	33%	33%	0
Virginia	34	29%	24%	47%	33	15%	9%	76%	6	17%	17%	67%	46	22%	20%	59%	26	35%	8%	58%	0
Washington	20	25%	45%	30%	21	10%	33%	57%	7	14%	0%	86%	10	0%	20%	80%	16	19%	13%	69%	2
West Virginia	6	17%	33%	50%	2	0%	0%	100%	2	0%	50%	50%	3	0%	67%	33%	2	0%	0%	100%	0
Wisconsin	39	18%	31%	51%	14	21%	36%	43%	14	21%	36%	43%	19	16%	11%	74%	8	13%	50%	38%	0
Wyoming	0	0%	0%	0%	0	0%	0%	0%	1	0%	0%	100%	1	0%	0%	100%	0	0%	0%	0%	3
<b>National</b>	<b>1296</b>	<b>35%</b>	<b>29%</b>	<b>37%</b>	<b>1155</b>	<b>31%</b>	<b>24%</b>	<b>45%</b>	<b>300</b>	<b>15%</b>	<b>24%</b>	<b>61%</b>	<b>698</b>	<b>19%</b>	<b>21%</b>	<b>59%</b>	<b>893</b>	<b>27%</b>	<b>26%</b>	<b>47%</b>	<b>93</b>

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

			AT Services in City Secondary Schools				AT Services in Suburban Secondary Schools				AT Services in Town Secondary Schools				AT Services in Rural Secondary Schools				AT Services in Schools with Missing Locales		
School Type	Year (AY)	Total City Secondary Schools with Athletics (n)	Full Time (%)	Part Time (%)	None (%)	Total Suburban Secondary Schools with Athletics (n)	Full Time (%)	Part Time (%)	None (%)	Total Town Secondary Schools with Athletics (n)	Full Time (%)	Part Time (%)	None (%)	Total Rural Secondary Schools with Athletics (n)	Full Time (%)	Part Time (%)	None (%)	Total Missing Locales Secondary Schools with Athletics (n)	Full Time (%)	Part Time (%)	None (%)
Public	2019	2697	46%	27%	27%	3898	61%	28%	11%	2361	38%	35%	26%	6951	24%	31%	45%	380	21%	20%	59%
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	2019	1296	35%	29%	37%	1155	31%	24%	45%	300	15%	24%	61%	698	19%	21%	59%	893	27%	26%	47%
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	2019	3996	42%	28%	30%	5053	54%	27%	19%	2661	36%	34%	30%	7649	23%	30%	46%	1274	25%	24%	50%
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



## 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			Total Missing Unknown (n)
		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	177	44%	29%	27%	464	44%	42%	14%	84	22%	33%	28%	299	28%	29%	43%	88	31%	27%	42%	3
District 2	436	51%	20%	29%	989	57%	24%	19%	205	53%	26%	21%	574	49%	24%	27%	110	38%	19%	43%	0
District 3	374	45%	26%	29%	478	28%	41%	14%	171	26%	23%	34%	638	12%	21%	50%	103	27%	33%	40%	2
District 4	674	29%	31%	40%	939	47%	30%	23%	617	28%	37%	35%	1464	26%	30%	44%	183	21%	23%	57%	1
District 5	247	46%	27%	27%	188	58%	25%	16%	418	42%	39%	20%	1531	26%	36%	38%	78	29%	28%	44%	0
District 6	443	68%	21%	11%	282	42%	14%	11%	251	47%	25%	28%	825	20%	27%	53%	82	27%	17%	56%	1
District 7	240	48%	20%	32%	216	55%	31%	13%	149	34%	37%	29%	358	21%	30%	49%	83	25%	33%	42%	0
District 8	570	47%	27%	26%	563	49%	20%	13%	148	31%	27%	41%	198	16%	26%	57%	247	16%	18%	66%	0
District 9	646	54%	22%	15%	764	53%	25%	14%	422	32%	28%	33%	1156	19%	22%	51%	256	17%	23%	54%	0
District 10	189	47%	22%	17%	170	52%	17%	14%	196	34%	22%	28%	606	28%	25%	30%	44	21%	20%	43%	7
<b>National</b>	<b>3996</b>	<b>42%</b>	<b>28%</b>	<b>30%</b>	<b>5053</b>	<b>54%</b>	<b>27%</b>	<b>19%</b>	<b>2661</b>	<b>36%</b>	<b>34%</b>	<b>30%</b>	<b>7649</b>	<b>23%</b>	<b>30%</b>	<b>46%</b>	<b>1274</b>	<b>25%</b>	<b>24%</b>	<b>50%</b>	<b>14</b>

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

		AT Services in City Secondary Schools				AT Services in Suburban Secondary Schools				AT Services in Town Secondary Schools				AT Services in Rural Secondary Schools				AT Services in Schools with Missing Locales			
NATA District	Total City Secondary Schools with Athletics (n)	Full Time (%)	Part Time (%)	None (%)	Total Suburban Secondary Schools with Athletics (n)	Full Time (%)	Part Time (%)	None (%)	Total Town Secondary Schools with Athletics (n)	Full Time (%)	Part Time (%)	None (%)	Total Rural Secondary Schools with Athletics (n)	Full Time (%)	Part Time (%)	None (%)	Total Missing Locales Secondary Schools with Athletics (n)	Full Time (%)	Part Time (%)	None (%)	Total Missing Unknown (n)
District 1	121	39%	38%	23%	380	44%	44%	13%	66	26%	33%	25%	229	24%	34%	41%	14	19%	21%	43%	14
District 2	312	42%	19%	39%	786	65%	30%	5%	185	63%	22%	15%	517	57%	26%	16%	19	48%	14%	13%	84
District 3	239	58%	21%	21%	343	54%	19%	11%	148	41%	20%	21%	519	38%	21%	25%	25	29%	12%	42%	34
District 4	465	36%	26%	37%	754	64%	27%	9%	553	40%	46%	14%	1374	27%	38%	35%	60	22%	10%	67%	26
District 5	166	73%	18%	9%	139	65%	27%	7%	369	34%	40%	26%	1476	8%	36%	56%	24	11%	36%	54%	20
District 6	290	88%	8%	5%	222	83%	12%	5%	236	46%	19%	35%	781	24%	22%	54%	16	46%	21%	33%	107
District 7	186	65%	25%	10%	178	48%	25%	7%	140	41%	25%	34%	330	17%	18%	65%	47	37%	24%	39%	23
District 8	381	57%	30%	13%	427	61%	28%	11%	130	44%	16%	40%	171	26%	20%	54%	105	2%	20%	44%	0
District 9	392	49%	33%	18%	540	67%	26%	7%	358	43%	36%	21%	979	34%	37%	28%	57	47%	30%	23%	75
District 10	145	57%	33%	10%	129	30%	35%	15%	176	23%	32%	46%	575	6%	15%	79%	13	12%	23%	45%	13
<b>National</b>	<b>2697</b>	<b>46%</b>	<b>27%</b>	<b>27%</b>	<b>3898</b>	<b>61%</b>	<b>28%</b>	<b>11%</b>	<b>2361</b>	<b>38%</b>	<b>35%</b>	<b>26%</b>	<b>6951</b>	<b>24%</b>	<b>31%</b>	<b>45%</b>	<b>380</b>	<b>21%</b>	<b>20%</b>	<b>59%</b>	<b>396</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			Total Missing Unknown (n)
		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	56	51%	17%	32%	84	36%	26%	21%	18	12%	27%	28%	70	34%	14%	36%	74	37%	29%	34%	4
District 2	121	53%	24%	23%	203	43%	24%	33%	20	4%	37%	34%	57	30%	16%	54%	91	33%	22%	45%	26
District 3	135	40%	26%	34%	135	22%	9%	52%	23	12%	15%	57%	119	15%	25%	43%	78	35%	11%	54%	0
District 4	209	29%	31%	40%	185	27%	28%	45%	64	18%	38%	45%	90	11%	18%	71%	123	25%	27%	48%	15
District 5	81	42%	27%	31%	49	12%	26%	34%	49	15%	35%	50%	55	13%	28%	44%	54	23%	45%	18%	6
District 6	153	37%	20%	43%	60	13%	12%	75%	15	17%	0%	83%	44	13%	18%	69%	66	34%	13%	52%	1
District 7	54	25%	18%	37%	38	13%	15%	52%	9	0%	20%	80%	28	13%	19%	68%	36	14%	13%	53%	6
District 8	189	31%	22%	47%	136	20%	50%	30%	18	14%	8%	45%	27	22%	5%	39%	142	31%	22%	47%	0
District 9	254	42%	25%	33%	224	37%	22%	41%	64	10%	16%	74%	177	20%	22%	58%	198	28%	30%	42%	29
District 10	44	30%	27%	43%	41	5%	15%	60%	20	10%	4%	86%	31	3%	13%	84%	31	26%	9%	65%	6
<b>National</b>	<b>1296</b>	<b>35%</b>	<b>29%</b>	<b>37%</b>	<b>1155</b>	<b>31%</b>	<b>24%</b>	<b>45%</b>	<b>300</b>	<b>15%</b>	<b>24%</b>	<b>61%</b>	<b>698</b>	<b>19%</b>	<b>21%</b>	<b>59%</b>	<b>893</b>	<b>27%</b>	<b>26%</b>	<b>47%</b>	<b>93</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	332	37%	122	6%	8%	75%	8%	3%
Alaska	23	43%	10	0%	0%	90%	10%	0%
Arizona	188	69%	130	37%	32%	25%	5%	1%
Arkansas	110	85%	94	17%	20%	60%	0%	3%
California	869	50%	435	43%	17%	25%	12%	3%
Colorado	235	58%	136	31%	10%	54%	1%	3%
Connecticut	203	63%	128	29%	5%	60%	5%	2%
Delaware	55	78%	43	16%	14%	51%	9%	9%
District of Columbia	29	93%	27	85%	7%	0%	4%	4%
Florida	508	89%	450	26%	15%	43%	7%	9%
Georgia	458	59%	271	14%	6%	68%	7%	4%
Hawaii	68	66%	45	78%	0%	18%	0%	4%
Idaho	68	68%	46	7%	20%	67%	2%	4%
Illinois	483	59%	283	15%	6%	73%	3%	3%
Indiana	365	78%	285	6%	4%	86%	3%	1%
Iowa	281	41%	116	11%	0%	84%	3%	2%
Kansas	216	43%	93	13%	1%	77%	8%	1%
Kentucky	198	65%	128	11%	2%	82%	2%	3%
Louisiana	289	83%	241	8%	15%	71%	4%	2%
Maine	92	100%	92	27%	8%	52%	10%	3%
Maryland	225	79%	178	23%	9%	58%	6%	4%
Massachusetts	300	57%	172	55%	9%	30%	2%	3%
Michigan	421	70%	294	10%	2%	78%	5%	6%
Minnesota	297	65%	193	2%	1%	92%	2%	4%
Mississippi	240	43%	104	4%	6%	84%	4%	3%
Missouri	332	62%	205	12%	3%	75%	6%	4%
Montana	88	78%	69	3%	7%	83%	7%	0%
Nebraska	189	49%	93	24%	3%	68%	4%	1%
Nevada	65	65%	42	19%	7%	57%	17%	0%
New Hampshire	71	96%	68	31%	6%	54%	4%	4%
New Jersey	393	66%	258	84%	4%	3%	2%	7%
New Mexico	67	57%	38	55%	42%	0%	3%	0%
New York	577	46%	268	34%	7%	49%	6%	4%
North Carolina	383	80%	305	9%	22%	63%	4%	2%
North Dakota	62	68%	42	2%	2%	95%	0%	0%
Ohio	714	53%	381	3%	3%	90%	1%	3%
Oklahoma	160	79%	127	26%	14%	53%	6%	1%
Oregon	126	73%	92	29%	3%	57%	9%	2%
Pennsylvania	677	70%	471	21%	4%	68%	4%	3%
Rhode Island	47	70%	33	18%	12%	58%	9%	3%
South Carolina	245	81%	199	10%	19%	61%	6%	4%
South Dakota	95	71%	67	1%	0%	84%	12%	3%
Tennessee	310	64%	198	12%	4%	77%	3%	4%
Texas	1200	55%	656	49%	34%	12%	2%	2%
Utah	90	84%	76	4%	21%	68%	5%	1%
Vermont	54	100%	54	39%	7%	39%	11%	4%
Virginia	317	76%	240	41%	23%	32%	1%	3%
Washington	223	84%	188	12%	27%	55%	4%	1%
West Virginia	56	57%	32	22%	6%	66%	3%	3%
Wisconsin	374	44%	166	1%	1%	95%	0%	4%
Wyoming	38	79%	30	10%	27%	57%	0%	7%
<b>National</b>	<b>13506</b>	<b>63%</b>	<b>8514</b>	<b>24%</b>	<b>12%</b>	<b>57%</b>	<b>5%</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	273	38%	104	7%	9%	74%	9%	2%
Alaska	21	38%	8	0%	0%	88%	13%	0%
Arizona	168	71%	119	37%	32%	26%	4%	1%
Arkansas	97	86%	83	18%	20%	59%	0%	2%
California	630	53%	331	39%	15%	29%	14%	3%
Colorado	211	60%	126	31%	10%	55%	2%	3%
Connecticut	152	61%	93	18%	0%	73%	6%	2%
Delaware	37	81%	30	17%	13%	47%	13%	10%
District of Columbia	18	94%	17	94%	0%	0%	0%	6%
Florida	383	92%	351	23%	17%	45%	6%	9%
Georgia	357	58%	206	10%	7%	71%	7%	4%
Hawaii	43	63%	27	96%	0%	0%	0%	4%
Idaho	61	72%	44	7%	20%	68%	0%	5%
Illinois	408	61%	248	15%	5%	73%	4%	4%
Indiana	319	79%	253	6%	4%	86%	3%	1%
Iowa	254	39%	99	10%	0%	86%	2%	2%
Kansas	201	44%	88	14%	1%	78%	6%	1%
Kentucky	168	65%	109	11%	3%	82%	2%	3%
Louisiana	223	83%	184	8%	17%	72%	2%	2%
Maine	74	100%	74	24%	3%	61%	8%	4%
Maryland	152	80%	122	9%	3%	76%	7%	5%
Massachusetts	219	61%	133	51%	9%	35%	2%	4%
Michigan	373	72%	268	9%	2%	79%	5%	5%
Minnesota	264	65%	172	1%	0%	93%	2%	4%
Mississippi	188	39%	74	4%	7%	81%	4%	4%
Missouri	270	61%	165	9%	4%	75%	7%	5%
Montana	83	77%	64	3%	8%	83%	6%	0%
Nebraska	160	46%	74	24%	4%	65%	5%	1%
Nevada	59	63%	37	19%	5%	62%	14%	0%
New Hampshire	54	94%	51	24%	4%	65%	4%	4%
New Jersey	332	65%	216	86%	4%	2%	1%	6%
New Mexico	55	60%	33	55%	45%	0%	0%	0%
New York	479	48%	229	31%	6%	52%	6%	5%
North Carolina	324	81%	264	6%	23%	64%	4%	2%
North Dakota	56	66%	37	3%	3%	95%	0%	0%
Ohio	610	53%	322	3%	3%	91%	1%	2%
Oklahoma	144	78%	112	26%	14%	52%	7%	1%
Oregon	113	73%	83	30%	4%	55%	8%	2%
Pennsylvania	550	71%	392	20%	3%	70%	3%	3%
Rhode Island	31	61%	19	0%	0%	79%	16%	5%
South Carolina	192	83%	159	9%	23%	58%	6%	4%
South Dakota	83	71%	59	2%	0%	85%	10%	3%
Tennessee	243	63%	154	12%	4%	77%	3%	5%
Texas	1047	57%	596	49%	37%	10%	2%	2%
Utah	85	85%	72	4%	19%	71%	4%	1%
Vermont	42	100%	42	38%	5%	40%	12%	5%
Virginia	259	77%	200	39%	26%	33%	1%	3%
Washington	192	83%	160	13%	29%	52%	5%	1%
West Virginia	50	60%	30	23%	3%	67%	3%	3%
Wisconsin	329	45%	149	1%	1%	95%	0%	3%
Wyoming	38	79%	30	10%	27%	57%	0%	7%
<b>National</b>	<b>11174</b>	<b>64%</b>	<b>7112</b>	<b>22%</b>	<b>12%</b>	<b>58%</b>	<b>4%</b>	<b>3%</b>

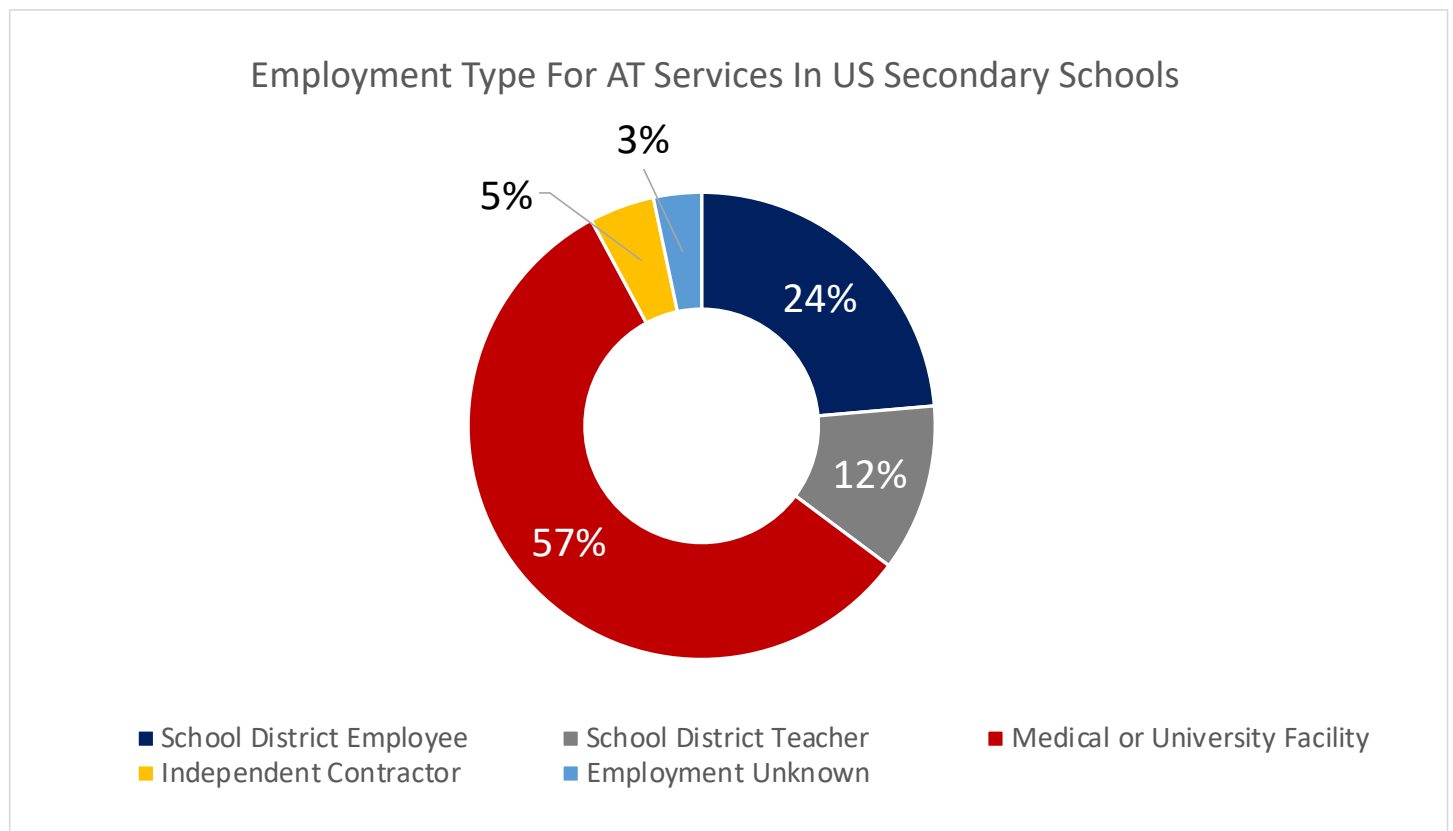
Table 17. Employment Model in US Private Secondary Schools, by State

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	59	31%	18	0%	6%	78%	6%	11%
Alaska	2	100%	2	0%	0%	100%	0%	0%
Arizona	20	55%	11	36%	36%	9%	18%	0%
Arkansas	13	85%	11	9%	18%	64%	0%	9%
California	239	44%	104	57%	23%	13%	6%	2%
Colorado	24	42%	10	30%	20%	50%	0%	0%
Connecticut	51	69%	35	57%	17%	26%	0%	0%
Delaware	18	72%	13	15%	15%	62%	0%	8%
District of Columbia	11	91%	10	70%	20%	0%	10%	0%
Florida	125	79%	99	36%	9%	35%	10%	9%
Georgia	101	64%	65	28%	2%	58%	9%	3%
Hawaii	25	72%	18	50%	0%	44%	0%	6%
Idaho	7	29%	2	0%	0%	50%	50%	0%
Illinois	75	47%	35	17%	9%	74%	0%	0%
Indiana	46	70%	32	3%	3%	91%	3%	0%
Iowa	27	63%	17	18%	0%	76%	6%	0%
Kansas	15	33%	5	0%	0%	60%	40%	0%
Kentucky	30	63%	19	11%	0%	84%	0%	5%
Louisiana	66	86%	57	7%	7%	70%	11%	5%
Maine	18	100%	18	39%	28%	17%	17%	0%
Maryland	73	77%	56	54%	21%	18%	5%	2%
Massachusetts	81	48%	39	69%	10%	13%	5%	3%
Michigan	48	54%	26	19%	0%	65%	4%	12%
Minnesota	33	64%	21	10%	5%	86%	0%	0%
Mississippi	52	58%	30	3%	3%	90%	3%	0%
Missouri	62	65%	40	23%	0%	75%	0%	3%
Montana	5	100%	5	0%	0%	80%	20%	0%
Nebraska	29	66%	19	21%	0%	79%	0%	0%
Nevada	6	83%	5	20%	20%	20%	40%	0%
New Hampshire	17	100%	17	53%	12%	24%	6%	6%
New Jersey	61	69%	42	76%	2%	10%	2%	10%
New Mexico	12	42%	5	60%	20%	0%	20%	0%
New York	98	40%	39	51%	15%	31%	3%	0%
North Carolina	59	69%	41	29%	12%	54%	0%	5%
North Dakota	6	83%	5	0%	0%	100%	0%	0%
Ohio	104	57%	59	5%	3%	85%	3%	3%
Oklahoma	16	94%	15	27%	13%	60%	0%	0%
Oregon	13	69%	9	22%	0%	67%	11%	0%
Pennsylvania	127	62%	79	24%	10%	57%	6%	3%
Rhode Island	16	88%	14	43%	29%	29%	0%	0%
South Carolina	53	75%	40	13%	5%	75%	3%	5%
South Dakota	12	67%	8	0%	0%	75%	25%	0%
Tennessee	67	66%	44	11%	5%	80%	2%	2%
Texas	153	39%	60	50%	12%	33%	3%	2%
Utah	5	80%	4	0%	50%	25%	25%	0%
Vermont	12	100%	12	42%	17%	33%	8%	0%
Virginia	58	69%	40	50%	13%	28%	5%	5%
Washington	31	90%	28	7%	18%	75%	0%	0%
West Virginia	6	33%	2	0%	50%	50%	0%	0%
Wisconsin	45	38%	17	0%	0%	88%	0%	12%
Wyoming	0	0%	0	0%	0%	0%	0%	0%
<b>National</b>	<b>2332</b>	<b>60%</b>	<b>1402</b>	<b>31%</b>	<b>10%</b>	<b>50%</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
<b>Public</b>	<b>2019</b>	<b>11174</b>	<b>64%</b>	<b>7112</b>	<b>22%</b>	<b>12%</b>	<b>58%</b>	<b>4%</b>	<b>3%</b>
Public	2018	11135	59%	6529	24%	11%	59%	4%	3%
Public	2017	11171	51%	5676	22%	12%	60%	6%	-
<b>Private</b>	<b>2019</b>	<b>2332</b>	<b>60%</b>	<b>1402</b>	<b>31%</b>	<b>10%</b>	<b>50%</b>	<b>5%</b>	<b>3%</b>
Private	2018	2353	55%	1288	33%	9%	51%	5%	3%
Private	2017	2302	47%	1078	27%	10%	52%	9%	-
<b>Public + Private</b>	<b>2019</b>	<b>13506</b>	<b>63%</b>	<b>8514</b>	<b>24%</b>	<b>12%</b>	<b>57%</b>	<b>5%</b>	<b>3%</b>
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





## 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	767	71%	547	33%	8%	49%	7%	3%
District 2	1702	61%	1040	39%	7%	43%	5%	6%
District 3	1255	78%	981	32%	15%	47%	4%	3%
District 4	2654	60%	1602	6%	3%	86%	2%	3%
District 5	1335	56%	743	13%	3%	77%	6%	2%
District 6	1310	57%	750	33%	27%	36%	1%	3%
District 7	618	66%	410	27%	26%	41%	3%	2%
District 8	1002	52%	522	47%	8%	33%	9%	2%
District 9	2335	65%	1514	12%	8%	71%	5%	4%
District 10	528	77%	405	10%	11%	70%	6%	2%
<b>National</b>	<b>13506</b>	<b>63%</b>	<b>8514</b>	<b>24%</b>	<b>12%</b>	<b>57%</b>	<b>5%</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	572	72%	412	26%	3%	59%	8%	4%
District 2	1398	62%	867	39%	7%	43%	6%	6%
District 3	995	80%	792	30%	13%	50%	3%	4%
District 4	2303	61%	1412	6%	2%	86%	2%	3%
District 5	1168	54%	634	12%	4%	76%	5%	2%
District 6	1144	59%	679	33%	29%	34%	1%	2%
District 7	557	68%	380	27%	27%	42%	2%	2%
District 8	732	54%	395	51%	7%	30%	9%	2%
District 9	1835	64%	1182	11%	9%	72%	5%	4%
District 10	470	76%	359	11%	12%	69%	6%	2%
<b>National</b>	<b>11174</b>	<b>64%</b>	<b>7112</b>	<b>22%</b>	<b>12%</b>	<b>58%</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	195	69%	135	50%	19%	23%	6%	1%
District 2	304	57%	173	42%	11%	40%	3%	5%
District 3	260	73%	189	36%	20%	37%	4%	3%
District 4	351	54%	190	9%	3%	81%	2%	4%
District 5	167	65%	109	13%	2%	75%	10%	0%
District 6	166	43%	71	30%	15%	48%	2%	5%
District 7	61	49%	30	25%	25%	17%	13%	0%
District 8	270	47%	127	42%	14%	26%	15%	2%
District 9	500	66%	332	14%	4%	71%	6%	5%
District 10	58	79%	46	6%	4%	74%	16%	0%
<b>National</b>	<b>2332</b>	<b>60%</b>	<b>1402</b>	<b>31%</b>	<b>10%</b>	<b>50%</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	332	37%	122	1	74	45	2
Alaska	23	43%	10	0	3	6	1
Arizona	188	69%	130	1	66	63	0
Arkansas	110	85%	94	1	46	46	1
California	869	50%	435	4	249	182	0
Colorado	235	58%	136	4	67	65	0
Connecticut	203	63%	128	0	50	77	1
Delaware	55	78%	43	1	19	23	0
District of Columbia	29	93%	27	1	22	4	0
Florida	508	89%	450	6	233	210	1
Georgia	458	59%	271	2	156	112	1
Hawaii	68	66%	45	0	23	20	2
Idaho	68	68%	46	1	28	16	1
Illinois	483	59%	283	1	135	147	0
Indiana	365	78%	285	2	146	136	1
Iowa	281	41%	116	9	52	55	0
Kansas	216	43%	93	2	53	38	0
Kentucky	198	65%	128	2	82	40	4
Louisiana	289	83%	241	5	128	108	0
Maine	92	100%	92	2	22	68	0
Maryland	225	79%	178	4	100	74	0
Massachusetts	300	57%	172	5	80	87	0
Michigan	421	70%	294	0	130	164	0
Minnesota	297	65%	193	1	90	102	0
Mississippi	240	43%	104	2	63	39	0
Missouri	332	62%	205	4	137	62	2
Montana	88	78%	69	3	49	17	0
Nebraska	189	49%	93	2	53	38	0
Nevada	65	65%	42	0	19	9	14
New Hampshire	71	96%	68	0	24	44	0
New Jersey	393	66%	258	3	157	97	1
New Mexico	67	57%	38	1	17	20	0
New York	577	46%	268	2	156	110	0
North Carolina	383	80%	305	2	155	140	8
North Dakota	62	68%	42	1	16	25	0
Ohio	714	53%	381	4	188	187	2
Oklahoma	160	79%	127	0	88	38	1
Oregon	126	73%	92	1	53	37	1
Pennsylvania	677	70%	471	4	254	213	0
Rhode Island	47	70%	33	0	15	18	0
South Carolina	245	81%	199	6	112	80	1
South Dakota	95	71%	67	2	40	25	0
Tennessee	310	64%	198	1	106	91	0
Texas	1200	55%	656	6	395	255	0
Utah	90	84%	76	0	45	30	1
Vermont	54	100%	54	0	25	29	0
Virginia	317	76%	240	2	160	77	1
Washington	223	84%	188	5	102	80	1
West Virginia	56	57%	32	0	16	16	0
Wisconsin	374	44%	166	3	74	87	2
Wyoming	38	79%	30	0	21	9	0
<b>National</b>	<b>13506</b>	<b>63%</b>	<b>8514</b>	<b>109</b>	<b>4594</b>	<b>3761</b>	<b>50</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	273	38%	104	1	60	41	2
Alaska	21	38%	8	0	2	5	1
Arizona	168	71%	119	1	60	58	0
Arkansas	97	86%	83	1	41	40	1
California	630	53%	331	2	190	139	0
Colorado	211	60%	126	3	62	61	0
Connecticut	152	61%	93	0	30	63	0
Delaware	37	81%	30	0	14	16	0
District of Columbia	18	94%	17	1	15	1	0
Florida	383	92%	351	3	176	172	0
Georgia	357	58%	206	2	117	87	0
Hawaii	43	63%	27	0	14	13	0
Idaho	61	72%	44	1	28	14	1
Illinois	408	61%	248	0	126	122	0
Indiana	319	79%	253	2	128	122	1
Iowa	254	39%	99	7	47	45	0
Kansas	201	44%	88	2	51	35	0
Kentucky	168	65%	109	2	68	35	4
Louisiana	223	83%	184	4	100	80	0
Maine	74	100%	74	2	16	56	0
Maryland	152	80%	122	1	69	52	0
Massachusetts	219	61%	133	4	62	67	0
Michigan	373	72%	268	0	115	153	0
Minnesota	264	65%	172	1	79	92	0
Mississippi	188	39%	74	1	48	25	0
Missouri	270	61%	165	3	113	47	2
Montana	83	77%	64	3	46	15	0
Nebraska	160	46%	74	1	42	31	0
Nevada	59	63%	37	0	16	8	13
New Hampshire	54	94%	51	0	18	33	0
New Jersey	332	65%	216	3	129	84	0
New Mexico	55	60%	33	0	15	18	0
New York	479	48%	229	1	133	95	0
North Carolina	324	81%	264	2	134	120	8
North Dakota	56	66%	37	1	13	23	0
Ohio	610	53%	322	2	162	156	2
Oklahoma	144	78%	112	0	76	36	0
Oregon	113	73%	83	1	49	32	1
Pennsylvania	550	71%	392	2	206	184	0
Rhode Island	31	61%	19	0	6	13	0
South Carolina	192	83%	159	4	90	64	1
South Dakota	83	71%	59	2	36	21	0
Tennessee	243	63%	154	0	84	70	0
Texas	1047	57%	596	3	355	238	0
Utah	85	85%	72	0	41	30	1
Vermont	42	100%	42	0	19	23	0
Virginia	259	77%	200	1	133	65	1
Washington	192	83%	160	3	85	71	1
West Virginia	50	60%	30	0	14	16	0
Wisconsin	329	45%	149	2	65	81	1
Wyoming	38	79%	30	0	21	9	0
<b>National</b>	<b>11174</b>	<b>64%</b>	<b>7112</b>	<b>75</b>	<b>3819</b>	<b>3177</b>	<b>41</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	59	31%	18	0	14	4	0
Alaska	2	100%	2	0	1	1	0
Arizona	20	55%	11	0	6	5	0
Arkansas	13	85%	11	0	5	6	0
California	239	44%	104	2	59	43	0
Colorado	24	42%	10	1	5	4	0
Connecticut	51	69%	35	0	20	14	1
Delaware	18	72%	13	1	5	7	0
District of Columbia	11	91%	10	0	7	3	0
Florida	125	79%	99	3	57	38	1
Georgia	101	64%	65	0	39	25	1
Hawaii	25	72%	18	0	9	7	2
Idaho	7	29%	2	0	0	2	0
Illinois	75	47%	35	1	9	25	0
Indiana	46	70%	32	0	18	14	0
Iowa	27	63%	17	2	5	10	0
Kansas	15	33%	5	0	2	3	0
Kentucky	30	63%	19	0	14	5	0
Louisiana	66	86%	57	1	28	28	0
Maine	18	100%	18	0	6	12	0
Maryland	73	77%	56	3	31	22	0
Massachusetts	81	48%	39	1	18	20	0
Michigan	48	54%	26	0	15	11	0
Minnesota	33	64%	21	0	11	10	0
Mississippi	52	58%	30	1	15	14	0
Missouri	62	65%	40	1	24	15	0
Montana	5	100%	5	0	3	2	0
Nebraska	29	66%	19	1	11	7	0
Nevada	6	83%	5	0	3	1	1
New Hampshire	17	100%	17	0	6	11	0
New Jersey	61	69%	42	0	28	13	1
New Mexico	12	42%	5	1	2	2	0
New York	98	40%	39	1	23	15	0
North Carolina	59	69%	41	0	21	20	0
North Dakota	6	83%	5	0	3	2	0
Ohio	104	57%	59	2	26	31	0
Oklahoma	16	94%	15	0	12	2	1
Oregon	13	69%	9	0	4	5	0
Pennsylvania	127	62%	79	2	48	29	0
Rhode Island	16	88%	14	0	9	5	0
South Carolina	53	75%	40	2	22	16	0
South Dakota	12	67%	8	0	4	4	0
Tennessee	67	66%	44	1	22	21	0
Texas	153	39%	60	3	40	17	0
Utah	5	80%	4	0	4	0	0
Vermont	12	100%	12	0	6	6	0
Virginia	58	69%	40	1	27	12	0
Washington	31	90%	28	2	17	9	0
West Virginia	6	33%	2	0	2	0	0
Wisconsin	45	38%	17	1	9	6	1
Wyoming	0	0%	0	0	0	0	0
<b>National</b>	<b>2332</b>	<b>60%</b>	<b>1402</b>	<b>34</b>	<b>775</b>	<b>584</b>	<b>9</b>

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

School Type	Year	Education Level By Years						
		Schools with Access to AT Services	% ATLAS Survey Complete	# Completed ATLAS Surveys	PhD	MS	BS	Unknown
<b>Public</b>	<b>2019</b>	<b>11174</b>	<b>64%</b>	<b>7112</b>	<b>75</b>	<b>3819</b>	<b>3177</b>	<b>41</b>
Public	2018	11135	59%	6529	59	3504	2957	9
Public	2017	11171	51%	5676	54	3029	2593	0
<b>Private</b>	<b>2019</b>	<b>2332</b>	<b>60%</b>	<b>1402</b>	<b>34</b>	<b>775</b>	<b>584</b>	<b>9</b>
Private	2018	2353	55%	1288	25	706	550	7
Private	2017	2302	47%	1078	19	588	471	0
<b>Public + Private</b>	<b>2019</b>	<b>13506</b>	<b>63%</b>	<b>8514</b>	<b>109</b>	<b>4594</b>	<b>3761</b>	<b>50</b>
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	767	71%	547	7	216	323	1
District 2	1702	61%	1040	10	586	443	1
District 3	1255	78%	981	15	565	391	10
District 4	2654	60%	1602	11	763	823	5
District 5	1335	56%	743	20	439	281	3
District 6	1310	57%	750	7	441	301	1
District 7	618	66%	410	6	216	187	1
District 8	1002	52%	522	4	291	211	16
District 9	2335	65%	1514	19	842	645	8
District 10	528	77%	405	10	235	156	4
<b>National</b>	<b>13506</b>	<b>63%</b>	<b>8514</b>	<b>109</b>	<b>4594</b>	<b>3761</b>	<b>50</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	572	72%	412	6	151	255	0
District 2	1398	62%	867	6	482	379	0
District 3	995	80%	792	9	455	318	10
District 4	2303	61%	1412	7	675	726	4
District 5	1168	54%	634	16	378	238	2
District 6	1144	59%	679	4	396	278	1
District 7	557	68%	380	4	199	176	1
District 8	732	54%	395	2	220	160	13
District 9	1835	64%	1182	13	653	510	6
District 10	470	76%	359	8	210	137	4
<b>National</b>	<b>11174</b>	<b>64%</b>	<b>7112</b>	<b>75</b>	<b>3819</b>	<b>3177</b>	<b>41</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	195	69%	135	1	65	68	1
District 2	304	57%	173	4	104	64	1
District 3	260	73%	189	6	110	73	0
District 4	351	54%	190	4	88	97	1
District 5	167	65%	109	4	61	43	1
District 6	166	43%	71	3	45	23	0
District 7	61	49%	30	2	17	11	0
District 8	270	47%	127	2	71	51	3
District 9	500	66%	332	6	189	135	2
District 10	58	79%	46	2	25	19	0
<b>National</b>	<b>2332</b>	<b>60%</b>	<b>1402</b>	<b>34</b>	<b>775</b>	<b>584</b>	<b>9</b>