



Athletic Training Locations and Services (ATLAS) Project

1st ANNUAL REPORT

Produced by The Korey Stringer Institute
at The University of Connecticut, Storrs, CT

In association with the National Athletic Trainers' Association

www.ksi.uconn.edu/nata-atlas/

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July 24, 2018

Acknowledgments:

We would like to acknowledge the late Korey Stringer whose death from exertional heatstroke led to the development of the Korey Stringer Institute (KSI) at the University of Connecticut. KSI's mission from day one has been to prevent sudden death in sport and improve the health and safety of athletes, soldiers, laborers and the physically active.

We would also like to thank Dr. Douglas Casa for his leadership, passion, insight and expertise that has enabled KSI to grow so rapidly. We know that the good work that we do at KSI helps so many helpless individuals and saves the lives of countless others.

We would like to acknowledge the National Athletic Trainers' Association (NATA) for having the foresight to fund the Korey Stringer Institute with the "Benchmark" or "CATCH-ON Study" that served as the launching pad for the ATLAS Project. We also acknowledge the directors of those studies, Riana R. Pryor and Alicia M. Pike for their passion to embark on this monumental, yet critical task for secondary school athletic trainers and the patients under their care. Furthermore, we would like to acknowledge the NATA Secondary School Athletic Trainers' Committee; Denise Alosa, Larry Cooper, George Wham, Dale Grooms, Jason Cates, Dan Newman, Bart Peterson, Lisa Walker, Chase Paulson, Chris Snoddy and Shelly Jones for organizing the boots on the ground effort that was required to map every single high school and for their continued support and push for the ATLAS Project.

We would like to acknowledge the corporate partners of KSI who have enabled KSI to continue to strive for excellence and to sustain us as a not-for-profit organization. A special thanks to our founding partners: The University of Connecticut and The UCONN Foundation, The National Football League (NFL) and Gatorade. To the NATA, MISSION, Camelbak, Kestrel, Heartsmart.com, and Eagle Pharmaceuticals, thank you for your continued support of the mission of KSI. Without all of you none of these projects would be possible.

To Larry Cooper, Ronnie Harper and Robert Huggins who brainstormed the idea for the ATLAS project on March 26, 2015 at Dos Cominos Restaurant in New York City, NY on a bar napkin while attending the 1st Collaborative Solutions For Safety in Sport Meeting, thank you. And to the great state of Louisiana who introduced the KSI team to the Zeemaps software which allows for the interactive online mapping software for all 50 US states and DC upon which the ATLAS data is depicted.

Lastly and most importantly, we would like to thank all those who have assisted with the collection of the data provided in this report. Whether as an employee, graduate student, independent study student, volunteer, or athletic trainer who participated/promoted/contacted/etc. in any way to assist with the mapping and/or in-depth survey, we THANK YOU and the profession of athletic training THANKS YOU!

FUNDING & DISCLOSURES:

The Korey Stringer Institute is supported by the University of Connecticut, the UCONN Foundation, the NFL, Gatorade, the NATA, MISSION, Kestrel by NK, Camelbak, Heartsmart.com and Eagle Pharmaceuticals.

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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 leadership or a member(s) of the SSATC who were connected and well-known within that state at the secondary school level. The NATA was able to assist via 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 regarding those who were members related to other pertinent demographics were not available for dissemination by the NATA due to privacy considerations for its members. Thus, prior to 2010 there was very little 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 services or care, best practice policies, physician oversight, insurance claims processing, and the ability to understand the needs of the profession in the secondary school setting were difficult to readily ascertain and report. While some states were quite successful in reaching out to all SSATs within their state and were able to capture valuable information regarding the address, sport class size, county, division, and even employment model, a cohesive mechanism to provide continuous updating and long-term prospective sustainability was not present.

Recognizing the importance of this information to secondary schools and the magnitude of this task, the NATA and the SSATC tasked the Korey Stringer Institute (KSI) with establishing a benchmark of the AT services in the US. 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 athletics, if they have an AT (and if so to what extent), if they have select high-risk sports, and to provide the number of students and student-athletes in the school. This project is commonly referred to as the “NATA Benchmark Study” and took over 4 years to complete.¹ The results of which were published in three parts (PUB,¹ PVT,² and PUB+PVT combined)³ 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 AT services. Of those that had access to AT services, 35% had full time (FT), 30% had part time (PT), and 3% were per diem. The remaining 32% of respondents reported no access to AT services.³ 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 PT services while schools with ≥600 students more frequently had FT AT services.¹ The qualitative data from this project also revealed that school representatives deemed lack of funding, lack of knowledge of ATs, and rural locale as key social determinants hindering the hiring of AT services in PUB and PVT schools.³ Additionally, this research was a snapshot with limited plans for future analysis, integration, and applicability for the AT profession and thus KSI saw an opportunity to create the Athletic Training Locations and Services (ATLAS) Project.⁴ The purposes of the ATLAS Project 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.

With these data, the ability to electronically map the location of ATs across the United States, and the advent of an online annual survey instrument, the ATLAS Project was born.

Methods

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

Participants

Information related to every PUB (n=16,076) and PVT (n= 4,196) secondary school from all 50 states and District of Columbia was obtained and included in the ATLAS database. PUB and PVT

schools throughout the United States with a school-sanctioned interscholastic athletics program who offered at least one grade between 9-12 were included. All school types (PUB, PVT, alternative, charter, magnet preparatory, technical and vocational schools) were included as long as they reported having school-sanctioned interscholastic athletics. For schools with athletics programs that co-op with other local area schools, the school housing the athletics program was used and the school without was removed from the analyses. If both schools reported athletics programs, both were included in the database.

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

Procedures/ Instrumentation

Numerous databases were identified and merged to obtain the complete population data regarding AT services in the secondary school setting. Data from 10,553 schools' AT services obtained from the previous studies by Pryor et al.¹ and Pike et al.^{2,3} served as the starting point. These data were merged with the secondary schools listed in the U.S. Department of Education's National Center for Education Statistics (NCES) database.⁵ After merging the databases, a total of 44,258 U.S. secondary schools including at least one grade between 9 through 12 were identified. Duplicates from the two databases were excluded (n=10,152) and mapped online <https://ksi.uconn.edu/nata-atlas/> using a google-based platform (Zeemaps, Zee Source, Cupertino, CA).⁶ Individual maps for each state were developed and made public to assist with the quantification of the remaining schools without athletics programs (n=13,834). In order to correctly quantify those schools with and without AT services as well as remove the "unknown schools", the

following collection methods were utilized. For schools with AT services as determined by the “Benchmark Study”, blanket emails and communications from the NATA SSATC, KSI, and various other NATA state leaders using existing member lists were conducted. These emails asked the ATs to confirm the services they provided and directed them to participate in the ATLAS Survey via an online survey platform (Qualtrics, Provo, UT).⁷ For schools without an athletics program, ATLAS researchers, NATA staff, NATA SSATC chairs, and the individual SSCs within each state assisted with the data collection. Both members of the research team at KSI as well as SSC members of each of the 10 NATA districts were provided a list of all unknown schools (in the form of an Excel spreadsheet) within their state. Equipped with the unknown schools list, a formal set of questions were provided to ask the schools in order to determine; (1) if the school has an athletics program, (2) if the school received healthcare services from an AT. If the school has AT services, they were then asked (3) how many ATs provided services, and 4) to provide their name(s) and contact info so that they could be directed to the ATLAS Project Survey. Reaching out to schools with and without AT services was achieved via email, online open-access directories of state high school athletics association member schools, phone communication, and in some cases in-person communication. SSATC members and ATs throughout the country assisted KSI in the removal of the unknown schools. The list of unknown schools was then cross-checked by KSI researchers and confirmed upon receipt. Next, the online maps were updated and revised lists of unknown schools were provided to each NATA SSATC Chair and/or to state leaders/liaisons actively working with KSI to complete the mapping phase. In addition to these aforementioned methods, the NATA and KSI utilized various national marketing efforts to direct ATs to the maps and to the ATLAS survey. These methods included social media such as Facebook and Twitter, e-blasts, NATA and KSI blog posts, advertisements at national, district, and state AT meetings, articles in the NATA News and

embedded links on websites. The mapping phase began on June 30, 2016 and was completed on February 21, 2018.

During the mapping phase, additional demographics from the publicly available online NCES database⁵ were merged into the existing state data files using the “=INDEX(MATCH)” function in excel via a common identifier known as the “NCES School ID”. By merging the data from NCES, the following information was obtained for PUB schools: NCES School ID, NCES District ID, State District, Low Grade, High Grade, County, Locale Code, Locale, Title I School, Title I Schoolwide, number of students, number of teachers, student teacher ratio, number of students with free lunch, number of students with reduced lunch. For PVT Schools NCES data include only the following: ID, locale code, county, low grade, and high grade. The NCES locale framework is composed of four basic types (city, suburban, town, and rural) and relies on standard urban and rural definitions developed by the U.S. Census Bureau.⁸ Data for all other school types were consolidated to PUB and PVT for ease of comparison.

The ATLAS survey instrument was developed by KSI with assistance from the NATA SSATC. The survey questions were developed by one senior researcher with extensive knowledge of research previously conducted in the secondary school AT setting as well as online survey development, two content area experts with leadership experience in the secondary school AT setting, and one graduate assistant researcher. Following the survey development, the instrument was shared with two members of the NATA SSATC. Feedback on the content and general flow of the instrument was incorporated and uploaded to the online software. The online instrument was then reviewed by two researchers with expertise in the development and administration of online surveys to ensure there were no errors that would compromise the validity of the data. The survey was then piloted by 10 high school athletic trainers who also provided feedback on the content and

general flow of the instrument. Finally, the survey was made publicly available to ATs nationally. In August 2017 the instrument was expanded and again put through the same content validation process as previously described for the additional questions.

Analyses

The management of the ATLAS data files for each state were managed using Microsoft Excel (Version 16.14.1, Microsoft Corporation, Redmond, WA). Descriptive statistics including counts and percentages for FT, PT and No AT services for PUB, PVT, and PUB+PVT combined by state by employment, by locale, by education level and by NATA district are included in this report. Although not reported, mean \pm standard deviation (SD), as well as +2SD and -2SD were calculated and mentioned in the analyses.

Results

The overall response rate for the ATLAS mapping phase was 100% (n=20,272). For the survey phase, of the schools with AT services (n=13,473), a response rate of 50% (n=6,754) as of April 4, 2018 are included in this report.

ATLAS Mapping Results

AT Services

Of total PUB and PVT schools combined with athletics programs (n=20,272), 66% (n=13,473) receive AT services while 34% (n=6,799) have no AT services (see Table 1). Of those schools with AT services, 35% (n=7,119) receive full time (FT) services and 31% (n=6,354) receive part time (PT). The range of access to AT services is from 14% (Alaska) to 90% (New Jersey). The range of FT, PT and no AT services is 1-80%, 8-60% and 10-86%, respectively. The top five states with the highest % of access to AT services are NJ, HI, CT, PA and DE while the top five for % of FT services are NJ, HI, PA, SC and IN. The top states with PT services are NE, RI, AK, IA and CT. The states with the highest % of schools without AT services are AK, OK, ID, AR and ND. When examining the total number of

schools with AT access in the states of TX, CA, OH, PA, and FL combined, they comprise 33% (n=3,969) of the secondary schools with AT access nationwide. Interestingly, all but one state (CA) exceed the national AT access average of 66%.

Table 2 depicts the AT services nationally for PUB schools. Compared to PUB+PVT schools combined, in the PUB school setting, 69% of schools have access to AT services while 31% are without AT services of any kind. Of those PUB schools with AT services (n=11,171), 37% are employed FT while 32% are PT. The ranges for access (FT, PT and no AT services) in the PUB setting is 13-100%, 1-91%, 4-59%, and 0-87%, respectively. The top five states with access to AT services in the PUB school setting are DE, GA, HI, NJ, and PA. Of note, when examining FT services, three states (HI, NJ and PA) exceed 73% or two standard deviations above the mean. AT services appear to be most needed in PUB schools with athletics in AK, OK, ND, ID and AR.

Athletic Training services in the PVT schools (Table 3) demonstrate on average a 14% reduction compared to the PUB schools in access to AT services (54%), 10% reduction in FT and 4% reduction in PT services. Of those PVT schools with AT services (n=2302), there is nearly an even split of 27% of ATs employed FT and 28% employed PT. States with the highest access to AT services in PVT schools are MA, NE, RI, DC and HI. FT services are highest in DC, MA, NJ, DE, and HI. The FT services rate in DC is an outlier compared to the rest of those with FT services. The state of NE demonstrated the highest level of PT services, followed by RI, SD, MS, and IA. The states with the largest percentage of PVT schools without AT services are WY, UT, NH, ID and AK. However, it is important to note that these states only have 172 PVT schools combined; furthermore, two states have less than 10 PVT schools with athletics in the entire state (WY and AK). Remarkably, NH has a similar number of PVT (n=89) and PUB (n=86) schools, yet there are twice the number of PVT schools without AT services (n=70) compared to PUB without (n=34).

In summary, the overall comparison of AT services in PUB, PVT and PUB+PVT schools combined are presented in Table 4. There are nearly 4X the amount of PUB schools than PVT secondary schools with athletics in the U.S. PUB schools have increased access to AT services (+14%), which appears to be due to a greater percentage of FT services (+10%). From a safety perspective, of greatest concern is that 45% of PVT schools do not have appropriate medical care yet they have athletics and when we combine PUB and PVT schools, 34% (n=6,799) of secondary schools nationwide do not have appropriate health care in the form of AT services during school-sponsored athletics.

AT services in US secondary schools (PUB and PVT combined) by NATA District are presented in Table 5. Districts 2, 9 and 6 have the highest % of schools with access to AT services (78%, 75%, 70%, respectively), however, Districts 2, 6 and 3 have the highest % of FT services. Districts 10 and 5 have the highest percentage of schools without AT services. Interestingly the second largest District (D9; n= 3177) has the second highest percentage of access to AT services.

Public school AT services data by NATA District are presented in Table 6. Unlike the combined data these results depict Districts 2, 3 and 6 as having the highest percentage of schools with access to AT services. These same Districts (D2, D3 and D6) also have the highest PUB school percentage of FT services. Districts 10, 5, and 8 have the highest percent of no AT services.

Table 7 depicts the PVT school AT services by NATA District. In this table, Districts 2, 1, and 5 have the highest percentage of AT access (67%, 61%, and 61%) while Districts 2, 1, and 3 have the highest percentage of FT services (43%, 38%, and 35%). In comparison to PUB schools, PVT schools in Districts 1 and 5 have increased percentages of FT services which is dissimilar to all other districts. Furthermore, in District 7 PVT schools have 29% more schools without AT services than PUB schools.

AT Services by Locale

Locale data from NCES were present for 97% (n=19,660) of the secondary schools with athletics programs included in the ATLAS database. Locales were not provided by NCES for a total of 613 schools for PUB (n=372) and PVT (n=241), respectively. The percentage of AT services at PUB+PVT schools combined in individual states are described in Table 8. Regarding FT AT coverage, WY (n=6) is the only state with 100% FT AT coverage at city schools. No state has FT AT services in 100% of suburban schools. However, the states of NE, NJ, PA, and SC have FT AT services in over 75% of suburban schools. The only state with FT AT services in 100% of town schools is NJ. Additionally, the only state with FT AT services in >80% of rural schools is NJ. Regarding AT access (FT+PT), the states of MT and ND have AT access in 100% of city schools. The states of HI, NE, SD, and VT have AT access in 100% of suburban schools. Regarding schools with no AT services at all, 65% of IL city schools (n=200), 52% of MI city schools (n=147), and 41% of CA city schools (n=633) do not have access to AT services.

The percentages of AT services by locales in PUB schools are listed in Table 9. All of the city PUB schools in four states have FT AT services (HI, IA, ND, VT and WY). Seven other states (AK, DE, DC, KY, MT, NE, SD, and VA) have AT access provided to all city PUB schools. All suburban PUB schools in the states of DE, HI, IA, MS, NE, NM, SD, and VT have AT access. Five states (DE, GA, HI, NJ, and VT) have AT access in all town PUB schools. Lastly, only two states (DE, NJ) have AT access in all rural secondary schools. When examining the percentage of PUB schools in city locales without AT services, the states of IL, MA, MI are outliers (>2SD) compared to all other states. For PUB schools without AT services in the suburban locale, AL and WV are outliers while in the town locale zero states are outliers.

The percentages of AT services by locale in PVT schools are listed in Table 10. All PVT city schools in the states of MT and ND have AT access. All PVT suburban schools in HI, NE, and UT have AT

access. All PVT town schools in the states of CO and UT have AT access. All PVT rural schools in the states of HI, MA, and NE have AT access, as well.

Table 11 compares the locales of AT services of PUB, PVT, and PUB+PVT combined. For PUB+PVT schools combined on a national scale, as the locale becomes less populated, the percentage of FT services decreases from city → suburban → town → rural, (48%, 47%, 33%, 22%), respectively. Similarly, AT access (FT + PT) also decreases for PUB+PVT schools combined (76%, 76%, 65%, 51%), PUB schools (84%, 84%, 70%, 54%) and PVT schools (62%, 48%, 34%, 39%) for city, suburban, town and rural, respectively. When examining the locales with the highest percentage without AT services, PUB+PVT schools combined for city, suburban, town and rural locales are 24%, 19%, 31%, 47%, while PUB schools are 16%, 10%, 26% and 44%, and PVT schools are 36%, 40%, 56% and 55%, respectively. PUB schools have the highest percentage of AT access across all locales while PVT have the lowest. PVT schools located in towns and rural locales have the highest percentage of schools without AT services while PUB schools located in cities and the suburbs have the lowest percentage.

Table 12 describes the locales of AT services in PUB+PVT schools combined by NATA District. District 4 has highest percentage of schools without AT services in city schools (38%); however, District 4 also has the greatest number of city schools (n=698). District 2 has the lowest percentage of schools without AT services in suburban and rural locales (10%, 25%), while District 4 has the lowest percentage of schools without AT services in towns (31%). In the PUB school setting (Table 13), District 1 is an outlier with the highest percentage of PT AT services in suburban schools (44%) while District 2 is an outlier for FT AT services in the rural locale. The only NATA district outlier in the PVT setting by locale is District 8 (Table 14). This District has a higher percentage of FT AT services in rural PVT schools (54%) than any other District. In comparison, District 1 has the next highest percentage of FT AT services in rural PVT schools at 32%.

ATLAS Survey Results

AT Employment

The following results pertain to the ATLAS survey phase. The topics examined in these results are related to AT employment model and AT education level in schools with AT services only. Of the 13,473 schools with access to AT services, 50% of schools have completed the ATLAS Survey (Table 15). Of the 6,754 schools who completed the ATLAS Survey, 84% of survey respondents are employed in U.S. PUB Secondary Schools and 16% are employed in US PVT Secondary Schools. The majority of ATs are employed by a Medical or University Facility (59%), while 36% are employed by the School District (23% without teaching responsibilities, 13% with teaching responsibilities), and 6% are employed as Independent Contractors. In PUB schools (Table 16), five states have $\geq 87\%$ of respondents providing AT services are employed by the School District (DC, HI, NJ, NM, TX) while six states have $\geq 87\%$ of respondents who are employed by Medical or University Facility (MN, MS, ND, OH, RI, SD, WI). In the PVT setting (Table 17), six states have $\geq 80\%$ of respondents providing AT services employed by the School District (CA, CT, DC, NJ, RI, WV). Thirteen states have $\geq 80\%$ of respondents providing AT services to PVT schools employed by a Medical or University Facility (AL, AR, IL, IN, KY, MN, MS, MO, MT, ND, OH, TN, WI). Compared to PUB school employment, PVT schools with ATs have increased employment percentages for School District employment (37% vs. 34%), decreased employment by Medical or University Facilities (52% vs. 60%), and increased employment as Independent Contractors (9% vs. 6%). (Table 18)

The employment data by District are presented in Tables 19-21. For PUB+PVT schools combined, District 3 and District 10 have the highest percentage of ATLAS Survey completion (66% and 63%), respectively. Districts 6 and 7 have the highest percentage of respondents employed by the School District (61%), while District 4 has the lowest percentage (10%). Districts 4, 5, and 9 have

the highest percentages of respondents employed by Medical or University Facilities (86%, 75%, and 76%, respectively), whereas Districts 6, 7, and 8 have the lowest percentages (39%, 36%, and 37%, respectively). An examination of PUB schools by district alone (Table 20) reveals that District 3 and District 10 have the highest percentage of ATLAS Survey completion (67% and 63%), respectively. Districts 6, 7, and 8 have the highest percentage of respondents employed by the School District (62%, 62%, and 63%), while District 4 has the lowest percentage (10%). Districts 4, 5, and 9 have the highest percentages of respondents employed by Medical or University Facilities (86%, 75%, and 76%), whereas Districts 6, 7, and 8 have the lowest percentages (37%, 36%, and 31%), respectively. PVT school data by district (Table 21) demonstrates that District 10, 1 and 3 have the highest percentage of ATLAS Survey completion (69%, 61% and 61%), respectively. Districts 1 and 3 have the highest percentage of respondents employed by the School District (71% and 65%), while District 4 has the lowest percentage (10%). Furthermore, Districts 4, 5, and 9 have the highest percentages of respondents employed by Medical or University Facilities (88%, 71%, and 76%, respectively), whereas Districts 1 and 8 have the lowest percentages (26% and 15%).

AT Education

Tables 22-24 examine the level of education of the ATs providing services in all 50 states. As previously noted, we observed a 50% response rate nationally (n=6754 of 13,474). In the PUB+PVT setting combined, a majority (54%) of the schools receive services from an AT who holds a masters while 45% hold a bachelor's degree. Only 1% of secondary schools (n=73) with athletics receive services from an AT who holds a doctorate. In the PUB school setting (Table 23) of the 5676 survey respondents, 53% (n=3029) hold a masters, while 46% (n=2,593) hold a bachelors and 1% (n=73) hold a doctorate. Similarly, in the PVT setting, (Table 24) of the 1078 survey respondents, 55% (n=588) hold a masters, 44% (n=471) hold a bachelors, and 2% (n=19) hold a doctorate.

Interestingly, regarding the PVT setting, >50% of the survey respondents hold a masters in 33

states, which is comparable to the PUB setting where in 36 states, > 50% of the survey respondents hold a masters. Large discrepancies are present in the percentage of schools who receive AT services from an individual who holds a masters versus a bachelors. In 29 states there is a discrepancy of $\geq 25\%$. In 16 states there is a $\geq 33\%$ discrepancy while in eight states there is a $\geq 50\%$ discrepancy. In these states there is at least 33% difference between the number of ATs who hold a masters and those with a bachelors. Of the 29 states with the largest percent difference in education levels of ATs, 17 (58.6%) have more ATs with a masters versus a bachelors.

Tables 26-28 depict the education level of AT services provided to PUB+PVT combined, PUB, and PVT schools by district. District 3 has the highest percentage of schools who receive care from an AT who holds a masters (59%) while District 1 has the highest percentage of schools who receive care from an AT with a bachelors (63%). District 5 has 14 schools who receive AT services from an AT with a PhD (2% of schools). Similar to the combined data, in PUB schools (Table 27) District 3 has the largest percentage of schools who receive care from an AT with their masters (59%) and District 1 with their bachelors (63%) and District 5 with their doctorate (2%). District 2 and District 6 have the highest percentage of PVT school ATs who hold a masters' degree (63%, 62%, respectively) and lowest with a bachelors (35%, 33%) while Districts 4 and 7 have the lowest with a masters (46%, 45%) and the highest percentage with a bachelors (54% and 55%). A majority of survey respondents ($\geq 50\%$) in eight of ten districts hold a masters' degree (Table 28).

References

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

State	Public and Private Schools Combined								
	Total Schools (n)	AT Services (n)	Full Time (n)	Part Time (n)	No AT Services (n)	AT Services (%)	Full Time (%)	Part Time (%)	No AT Services (%)
Alabama	474	377	127	250	97	80%	27%	53%	20%
Alaska	157	22	1	21	135	14%	1%	13%	86%
Arizona	283	185	109	76	98	65%	39%	27%	35%
Arkansas	243	95	72	23	148	39%	30%	9%	61%
California	1558	894	312	582	664	57%	20%	37%	43%
Colorado	336	228	112	116	108	68%	33%	35%	32%
Connecticut	213	187	78	109	26	88%	37%	51%	12%
Delaware	55	48	30	18	7	87%	55%	33%	13%
District of Columbia	51	31	27	4	20	61%	53%	8%	39%
Florida	729	508	275	233	221	70%	38%	32%	30%
Georgia	535	457	211	246	78	85%	39%	46%	15%
Hawaii	75	67	56	11	8	89%	75%	15%	11%
Idaho	169	62	40	22	107	37%	24%	13%	63%
Illinois	832	505	284	221	327	61%	34%	27%	39%
Indiana	424	359	236	123	65	85%	56%	29%	15%
Iowa	352	278	85	193	74	79%	24%	55%	21%
Kansas	365	229	72	157	136	63%	20%	43%	37%
Kentucky	289	190	122	68	99	66%	42%	24%	34%
Louisiana	396	261	159	102	135	66%	40%	26%	34%
Maine	148	96	55	41	52	65%	37%	28%	35%
Maryland	298	211	131	80	87	71%	44%	27%	29%
Massachusetts	392	276	140	136	116	70%	36%	35%	30%
Michigan	789	410	139	271	379	52%	18%	34%	48%
Minnesota	440	298	123	175	142	68%	28%	40%	32%
Mississippi	329	262	100	162	67	80%	30%	49%	20%
Missouri	604	309	141	168	295	51%	23%	28%	49%
Montana	177	92	34	58	85	52%	19%	33%	48%
Nebraska	298	246	68	178	52	83%	23%	60%	17%
Nevada	102	58	31	27	44	57%	30%	26%	43%
New Hampshire	175	71	44	27	104	41%	25%	15%	59%
New Jersey	446	403	355	48	43	90%	80%	11%	10%
New Mexico	150	65	44	21	85	43%	29%	14%	57%
New York	898	574	241	333	324	64%	27%	37%	36%
North Carolina	522	373	236	137	149	71%	45%	26%	29%
North Dakota	157	61	20	41	96	39%	13%	26%	61%
Ohio	854	688	381	307	166	81%	45%	36%	19%
Oklahoma	497	161	77	84	336	32%	15%	17%	68%
Oregon	295	130	57	73	165	44%	19%	25%	56%
Pennsylvania	767	664	515	149	103	87%	67%	19%	13%
Rhode Island	59	46	12	34	13	78%	20%	58%	22%
South Carolina	293	230	177	53	63	78%	60%	18%	22%
South Dakota	164	98	31	67	66	60%	19%	41%	40%
Tennessee	424	327	168	159	97	77%	40%	38%	23%
Texas	1620	1215	797	418	405	75%	49%	26%	25%
Utah	182	85	51	34	97	47%	28%	19%	53%
Vermont	85	53	24	29	32	62%	28%	34%	38%
Virginia	461	312	230	82	149	68%	50%	18%	32%
Washington	400	220	98	122	180	55%	25%	31%	45%
West Virginia	131	55	14	41	76	42%	11%	31%	58%
Wisconsin	506	362	152	210	144	72%	30%	42%	28%
Wyoming	73	39	25	14	34	53%	34%	19%	47%
National	20272	13473	7119	6354	6799	66%	35%	31%	34%

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)	AT Services (%)	Full Time (%)	Part Time (%)	No AT Services (%)
Alabama	360	307	105	202	53	85%	29%	56%	15%
Alaska	147	19	1	18	128	13%	1%	12%	87%
Arizona	233	166	101	65	67	71%	43%	28%	29%
Arkansas	212	83	64	19	129	39%	30%	9%	61%
California	1087	637	229	408	450	59%	21%	38%	41%
Colorado	298	205	99	106	93	69%	33%	36%	31%
Connecticut	145	134	48	86	11	92%	33%	59%	8%
Delaware	30	30	17	13	0	100%	57%	43%	0%
District of Columbia	36	19	16	3	17	53%	44%	8%	47%
Florida	454	376	208	168	78	83%	46%	37%	17%
Georgia	369	362	163	199	7	98%	44%	54%	2%
Hawaii	45	43	41	2	2	96%	91%	4%	4%
Idaho	147	56	38	18	91	38%	26%	12%	62%
Illinois	689	423	241	182	266	61%	35%	26%	39%
Indiana	349	313	209	104	36	90%	60%	30%	10%
Iowa	313	249	75	174	64	80%	24%	56%	20%
Kansas	326	210	65	145	116	64%	20%	44%	36%
Kentucky	232	161	105	56	71	69%	45%	24%	31%
Louisiana	288	203	118	85	85	70%	41%	30%	30%
Maine	116	76	41	35	40	66%	35%	30%	34%
Maryland	186	141	81	60	45	76%	44%	32%	24%
Massachusetts	329	215	104	111	114	65%	32%	34%	35%
Michigan	658	364	124	240	294	55%	19%	36%	45%
Minnesota	384	267	109	158	117	70%	28%	41%	30%
Mississippi	243	203	83	120	40	84%	34%	49%	16%
Missouri	500	253	119	134	247	51%	24%	27%	49%
Montana	166	87	33	54	79	52%	20%	33%	48%
Nebraska	261	211	57	154	50	81%	22%	59%	19%
Nevada	86	53	28	25	33	62%	33%	29%	38%
New Hampshire	86	52	29	23	34	60%	34%	27%	40%
New Jersey	355	340	307	33	15	96%	86%	9%	4%
New Mexico	130	57	39	18	73	44%	30%	14%	56%
New York	758	482	205	277	276	64%	27%	37%	36%
North Carolina	416	315	209	106	101	76%	50%	25%	24%
North Dakota	148	55	18	37	93	37%	12%	25%	63%
Ohio	709	591	329	262	118	83%	46%	37%	17%
Oklahoma	460	146	69	77	314	32%	15%	17%	68%
Oregon	247	116	49	67	131	47%	20%	27%	53%
Pennsylvania	588	545	441	104	43	93%	75%	18%	7%
Rhode Island	43	32	7	25	11	74%	16%	58%	26%
South Carolina	203	181	145	36	22	89%	71%	18%	11%
South Dakota	150	88	28	60	62	59%	19%	40%	41%
Tennessee	321	259	135	124	62	81%	42%	39%	19%
Texas	1340	1074	739	335	266	80%	55%	25%	20%
Utah	133	81	49	32	52	61%	37%	24%	39%
Vermont	62	42	16	26	20	68%	26%	42%	32%
Virginia	313	254	194	60	59	81%	62%	19%	19%
Washington	325	190	85	105	135	58%	26%	32%	42%
West Virginia	114	48	13	35	66	42%	11%	31%	58%
Wisconsin	415	318	138	180	97	77%	33%	43%	23%
Wyoming	71	39	24	15	32	55%	34%	21%	45%
National	16076	11171	5990	5181	4905	69%	37%	32%	31%

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)	AT Services (%)	Full Time (%)	Part Time (%)	No AT Services (%)
Alabama	114	70	22	48	44	61%	19%	42%	39%
Alaska	10	3	0	3	7	30%	0%	30%	70%
Arizona	50	19	8	11	31	38%	16%	22%	62%
Arkansas	31	12	8	4	19	39%	26%	13%	61%
California	471	258	84	174	213	55%	18%	37%	45%
Colorado	38	23	13	10	15	61%	34%	26%	39%
Connecticut	68	53	30	23	15	78%	44%	34%	22%
Delaware	25	18	13	5	7	72%	52%	20%	28%
District of Columbia	15	12	11	1	3	80%	73%	7%	20%
Florida	275	132	67	65	143	48%	24%	24%	52%
Georgia	166	95	48	47	71	57%	29%	28%	43%
Hawaii	30	24	15	9	6	80%	50%	30%	20%
Idaho	22	6	2	4	16	27%	9%	18%	73%
Illinois	143	82	43	39	61	57%	30%	27%	43%
Indiana	75	46	27	19	29	61%	36%	25%	39%
Iowa	39	29	10	19	10	74%	26%	49%	26%
Kansas	39	19	7	12	20	49%	18%	31%	51%
Kentucky	57	29	17	12	28	51%	30%	21%	49%
Louisiana	108	58	41	17	50	54%	38%	16%	46%
Maine	32	20	14	6	12	63%	44%	19%	38%
Maryland	112	70	50	20	42	63%	45%	18%	38%
Massachusetts	63	61	36	25	2	97%	57%	40%	3%
Michigan	131	46	15	31	85	35%	11%	24%	65%
Minnesota	56	31	14	17	25	55%	25%	30%	45%
Mississippi	86	59	17	42	27	69%	20%	49%	31%
Missouri	104	56	22	34	48	54%	21%	33%	46%
Montana	11	5	1	4	6	45%	9%	36%	55%
Nebraska	37	35	11	24	2	95%	30%	65%	5%
Nevada	16	5	3	2	11	31%	19%	13%	69%
New Hampshire	89	19	15	4	70	21%	17%	4%	79%
New Jersey	91	63	48	15	28	69%	53%	16%	31%
New Mexico	20	8	5	3	12	40%	25%	15%	60%
New York	140	92	36	56	48	66%	26%	40%	34%
North Carolina	106	58	27	31	48	55%	25%	29%	45%
North Dakota	9	6	2	4	3	67%	22%	44%	33%
Ohio	145	97	52	45	48	67%	36%	31%	33%
Oklahoma	37	15	8	7	22	41%	22%	19%	59%
Oregon	48	14	8	6	34	29%	17%	13%	71%
Pennsylvania	179	119	74	45	60	66%	41%	25%	34%
Rhode Island	16	14	5	9	2	88%	31%	56%	13%
South Carolina	90	49	32	17	41	54%	36%	19%	46%
South Dakota	14	10	3	7	4	71%	21%	50%	29%
Tennessee	103	68	33	35	35	66%	32%	34%	34%
Texas	280	141	58	83	139	50%	21%	30%	50%
Utah	49	4	2	2	45	8%	4%	4%	92%
Vermont	23	11	8	3	12	48%	35%	13%	52%
Virginia	148	58	36	22	90	39%	24%	15%	61%
Washington	75	30	13	17	45	40%	17%	23%	60%
West Virginia	17	7	1	6	10	41%	6%	35%	59%
Wisconsin	91	43	14	29	48	47%	15%	32%	53%
Wyoming	2	0	0	0	2	0%	0%	0%	100%
National	4196	2302	1129	1173	1894	55%	27%	28%	45%

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

State	Public and Private Schools Combined								
	Total Schools (n)	AT Services (n)	Full Time (n)	Part Time (n)	No AT Services (n)	AT Services (%)	Full Time (%)	Part Time (%)	No AT Services (%)
Public	16076	11171	5990	5181	4905	69	37	32	31
Private	4196	2302	1129	1173	1894	55	27	28	45
Public + Private	20272	13473	7119	6354	6799	66	35	31	34

Athletic Training Services by NATA District

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

NATA District	Public and Private Schools								
	Total Schools (n)	AT Services (n)	Full Time (n)	Part Time (n)	No AT Services (n)	AT Services (%)	Full Time (%)	Part Time (%)	No AT Services (%)
District 1	1072	729	353	376	343	68%	33%	35%	32%
District 2	2166	1689	1141	548	477	78%	53%	25%	22%
District 3	1756	1212	815	397	544	69%	46%	23%	31%
District 4	3845	2622	1315	1307	1223	68%	34%	34%	32%
District 5	2437	1382	494	888	1055	57%	20%	36%	43%
District 6	1863	1310	869	441	553	70%	47%	24%	30%
District 7	1024	602	341	261	422	59%	33%	25%	41%
District 8	1735	1019	399	620	716	59%	23%	36%	41%
District 9	3176	2382	1162	1220	794	75%	37%	38%	25%
District 10	1198	526	230	296	672	44%	19%	25%	56%
National	20272	13473	7119	6354	6799	66%	35%	31%	34%

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)	AT Services (%)	Full Time (%)	Part Time (%)	No AT Services (%)
District 1	781	551	245	306	230	71%	31%	39%	29%
District 2	1731	1397	970	427	334	81%	56%	25%	19%
District 3	1268	958	658	300	310	76%	52%	24%	24%
District 4	3204	2276	1150	1126	928	71%	36%	35%	29%
District 5	2158	1212	431	781	946	56%	20%	36%	44%
District 6	1552	1157	803	354	395	75%	52%	23%	25%
District 7	865	548	312	236	317	63%	36%	27%	37%
District 8	1218	733	298	435	485	60%	24%	36%	40%
District 9	2267	1871	917	954	396	83%	40%	42%	17%
District 10	1032	468	206	262	564	45%	20%	25%	55%
National	16076	11171	5990	5181	4905	69%	37%	32%	31%

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

NATA District	Private Schools								
	Total Schools (n)	AT Services (n)	Full Time (n)	Part Time (n)	No AT Services (n)	AT Services (%)	Full Time (%)	Part Time (%)	No AT Services (%)
District 1	291	178	108	70	113	61%	37%	24%	39%
District 2	435	292	171	121	143	67%	39%	28%	33%
District 3	488	254	157	97	234	52%	32%	20%	48%
District 4	641	345	165	180	296	54%	26%	28%	46%
District 5	279	170	63	107	109	61%	23%	38%	39%
District 6	311	153	66	87	158	49%	21%	28%	51%
District 7	159	54	28	26	105	34%	18%	16%	66%
District 8	517	287	102	185	230	56%	20%	36%	44%
District 9	909	511	245	266	398	56%	27%	29%	44%
District 10	166	58	24	34	108	35%	14%	20%	65%
National	4196	2302	1129	1173	1894	55%	27%	28%	45%

Athletic Training Services by Locale, by State

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

State	Total City Schools with Athletics (n)	AT Services in City Secondary Schools			Total Suburban Schools with Athletics (n)	AT Services in Suburban Secondary Schools			Total Town Schools with Athletics (n)	AT Services in Town Secondary Schools			Total Rural Schools with Athletics (n)	AT Services in Rural Secondary Schools			Total Missing Locales Schools with Athletics (n)	AT Services in Schools with Missing Locales		
		Full Time (%)	Part Time (%)	None (%)		Full Time (%)	Part Time (%)	None (%)		Full Time (%)	Part Time (%)	None (%)		Full Time (%)	Part Time (%)	None (%)		Full Time (%)	Part Time (%)	None (%)
Alabama	83	31%	46%	23%	63	44%	41%	14%	53	32%	53%	15%	263	19%	59%	21%	13	46%	15%	38%
Alaska	12	0%	75%	25%	3	0%	0%	100%	15	0%	53%	47%	124	1%	2%	98%	3	0%	67%	33%
Arizona	102	48%	31%	21%	63	56%	29%	16%	40	30%	18%	53%	68	15%	24%	62%	10	40%	30%	30%
Arkansas	35	69%	9%	23%	18	39%	28%	33%	58	29%	9%	62%	128	16%	8%	76%	4	75%	0%	25%
California	633	23%	36%	41%	602	22%	43%	35%	126	9%	34%	57%	167	11%	23%	66%	30	20%	30%	50%
Colorado	80	34%	46%	20%	77	57%	31%	12%	38	24%	53%	24%	134	21%	24%	55%	7	57%	43%	0%
Connecticut	42	26%	57%	17%	106	40%	50%	10%	7	0%	71%	29%	43	35%	53%	12%	15	67%	27%	7%
Delaware	7	57%	29%	14%	26	50%	38%	12%	5	40%	40%	20%	12	50%	33%	17%	5	100%	0%	0%
District of Columbia	33	79%	12%	9%	0	0%	0%	0%	0	0%	0%	0%	0	0%	0%	0%	18	6%	0%	94%
Florida	184	36%	36%	28%	363	40%	33%	27%	36	25%	44%	31%	108	34%	26%	40%	38	42%	13%	45%
Georgia	89	47%	40%	12%	182	46%	38%	16%	72	38%	51%	11%	175	29%	54%	17%	17	53%	47%	0%
Hawaii	23	83%	9%	9%	19	74%	26%	0%	20	75%	5%	20%	9	67%	11%	22%	4	50%	50%	0%
Idaho	23	52%	4%	43%	21	48%	19%	33%	30	20%	20%	60%	94	13%	12%	76%	1	0%	0%	100%
Illinois	200	19%	17%	65%	225	67%	20%	13%	142	35%	49%	16%	229	18%	31%	52%	36	19%	3%	78%
Indiana	87	63%	17%	20%	76	68%	21%	11%	80	49%	38%	14%	177	50%	34%	16%	4	50%	50%	0%
Iowa	37	81%	11%	8%	14	71%	14%	14%	85	19%	61%	20%	209	12%	63%	25%	7	43%	57%	0%
Kansas	38	55%	29%	16%	25	44%	32%	24%	78	24%	49%	27%	221	9%	45%	47%	3	67%	33%	0%
Kentucky	42	62%	21%	17%	58	55%	36%	9%	75	45%	21%	33%	110	26%	19%	55%	4	25%	25%	50%
Louisiana	81	53%	31%	16%	74	65%	12%	23%	73	37%	23%	40%	156	22%	31%	47%	12	58%	17%	25%
Maine	12	58%	25%	17%	20	60%	30%	10%	22	55%	23%	23%	89	24%	29%	47%	5	60%	20%	20%
Maryland	63	44%	21%	35%	151	44%	26%	30%	14	43%	29%	29%	63	41%	33%	25%	7	57%	43%	0%
Massachusetts	64	25%	31%	44%	256	40%	38%	22%	9	22%	11%	67%	57	26%	28%	46%	6	50%	33%	17%

Michigan	147	16%	32%	52%	234	28%	36%	36%	90	21%	51%	28%	298	9%	36%	54%	20	15%	25%	60%
Minnesota	56	38%	32%	30%	77	48%	35%	17%	90	33%	46%	21%	211	16%	41%	43%	6	17%	50%	33%
Mississippi	20	30%	35%	35%	24	71%	21%	8%	74	28%	54%	18%	200	27%	52%	22%	11	27%	64%	9%
Missouri	75	31%	33%	36%	109	50%	33%	17%	100	28%	35%	37%	317	11%	22%	67%	3	67%	33%	0%
Montana	13	69%	31%	0%	0	0%	0%	0%	28	36%	32%	32%	136	11%	33%	56%	0	0%	0%	0%
Nebraska	34	65%	32%	3%	12	75%	25%	0%	47	34%	53%	13%	202	10%	69%	21%	3	33%	0%	67%
Nevada	31	45%	29%	26%	24	50%	33%	17%	16	13%	25%	63%	27	11%	19%	70%	4	0%	25%	75%
New Hampshire	14	43%	14%	43%	39	38%	21%	41%	31	19%	23%	58%	76	21%	13%	66%	15	7%	0%	93%
New Jersey	37	62%	14%	24%	319	78%	12%	10%	9	100%	0%	0%	38	82%	11%	8%	43	98%	2%	0%
New Mexico	29	55%	21%	24%	9	44%	33%	22%	33	33%	18%	48%	74	16%	8%	76%	5	20%	0%	80%
New York	182	21%	40%	40%	295	44%	44%	12%	94	21%	33%	46%	299	12%	31%	57%	28	61%	25%	14%
North Carolina	130	50%	31%	19%	106	57%	25%	19%	48	35%	29%	35%	215	37%	23%	40%	23	65%	35%	0%
North Dakota	12	83%	17%	0%	3	67%	0%	33%	15	27%	40%	33%	127	3%	26%	71%	0	0%	0%	0%
Ohio	122	35%	42%	23%	285	57%	31%	12%	136	41%	38%	21%	300	37%	38%	25%	11	64%	27%	9%
Oklahoma	44	50%	25%	25%	37	59%	24%	16%	81	19%	22%	59%	329	5%	13%	82%	6	17%	50%	33%
Oregon	58	47%	38%	16%	45	40%	31%	29%	73	11%	36%	53%	115	3%	10%	88%	4	25%	0%	75%
Pennsylvania	119	54%	29%	18%	323	80%	12%	8%	93	67%	17%	16%	212	54%	27%	19%	20	85%	15%	0%
Rhode Island	14	36%	36%	29%	37	16%	70%	14%	0	0%	0%	0%	6	17%	33%	50%	2	0%	50%	50%
South Carolina	44	66%	20%	14%	80	79%	6%	15%	39	59%	23%	18%	125	46%	24%	30%	5	100%	0%	0%
South Dakota	7	71%	14%	14%	1	0%	100%	0%	25	64%	20%	16%	128	8%	45%	48%	3	0%	100%	0%
Tennessee	124	32%	36%	31%	57	51%	32%	18%	59	42%	41%	17%	161	37%	40%	22%	23	61%	30%	9%
Texas	399	60%	24%	17%	273	70%	14%	16%	194	59%	24%	17%	658	26%	35%	39%	96	84%	10%	5%
Utah	30	30%	27%	43%	67	42%	45%	13%	30	27%	30%	43%	48	4%	8%	88%	7	57%	0%	43%
Vermont	4	75%	0%	25%	2	50%	50%	0%	22	50%	41%	9%	54	15%	31%	54%	3	33%	67%	0%
Virginia	95	55%	21%	24%	141	61%	16%	23%	47	45%	9%	47%	167	40%	22%	38%	11	36%	0%	64%
Washington	95	40%	44%	16%	116	34%	44%	22%	57	19%	21%	60%	129	6%	12%	82%	3	33%	67%	0%
West Virginia	15	13%	53%	33%	17	12%	35%	53%	29	17%	28%	55%	70	7%	27%	66%	0	0%	0%	0%
Wisconsin	86	37%	27%	36%	75	60%	25%	15%	97	36%	51%	13%	240	16%	49%	35%	8	25%	13%	63%
Wyoming	6	100%	0%	0%	0	0%	0%	0%	18	61%	17%	22%	48	15%	23%	63%	1	0%	100%	0%
National	4012	48%	28%	24%	5249	47%	29%	19%	2753	33%	32%	31%	7646	22%	29%	47%	613	40%	27%	27%

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

State	Total Public City Schools with Athletics (n)	AT Services in City Secondary Schools			Total Public Suburban Schools with Athletics (n)	AT Services in Suburban Secondary Schools			Total Public Town Schools with Athletics (n)	AT Services in Town Secondary Schools			Total Public Rural Schools with Athletics (n)	AT Services in Rural Secondary Schools			Total Public Missing Schools with Athletics (n)	AT Services in Schools with Missing Locales		
		Full Time (%)	Part Time (%)	None (%)		Full Time (%)	Part Time (%)	None (%)		Full Time (%)	Part Time (%)	None (%)		Full Time (%)	Part Time (%)	None (%)		Full Time (%)	Part Time (%)	None (%)
Alabama	42	40%	50%	10%	45	53%	42%	4%	45	36%	56%	9%	223	21%	61%	18%	6	50%	17%	33%
Alaska	7	0%	100%	0%	2	0%	0%	100%	14	0%	57%	43%	123	1%	2%	98%	1	0%	100%	0%
Arizona	78	55%	36%	9%	53	64%	26%	9%	37	32%	19%	49%	57	18%	23%	60%	8	38%	38%	25%
Arkansas	21	90%	0%	10%	14	50%	36%	14%	53	28%	9%	62%	120	17%	8%	76%	4	75%	0%	25%
California	405	23%	36%	41%	430	26%	43%	31%	107	9%	36%	55%	135	10%	24%	66%	10	0%	50%	50%
Colorado	62	34%	55%	11%	63	60%	32%	8%	37	24%	51%	24%	130	22%	23%	55%	6	50%	50%	0%
Connecticut	27	19%	67%	15%	76	42%	54%	4%	6	0%	83%	17%	28	29%	64%	7%	8	38%	50%	13%
Delaware	1	0%	100%	0%	14	50%	50%	0%	3	33%	67%	0%	9	67%	33%	0%	3	100%	0%	0%
District of Columbia	18	83%	17%	0%	0	0%	0%	0%	0	0%	0%	0%	0	0%	0%	0%	18	6%	0%	94%
Florida	101	45%	42%	14%	224	50%	38%	12%	32	28%	50%	22%	85	40%	28%	32%	12	67%	8%	25%
Georgia	48	48%	46%	6%	125	52%	47%	1%	60	42%	58%	0%	129	35%	63%	2%	7	71%	29%	0%
Hawaii	9	100%	0%	0%	15	93%	7%	0%	13	100%	0%	0%	8	63%	13%	25%	0	0%	0%	0%
Idaho	20	55%	5%	40%	14	71%	14%	14%	25	24%	20%	56%	88	13%	11%	76%	0	0%	0%	0%
Illinois	145	17%	10%	73%	171	78%	19%	4%	127	35%	52%	13%	218	18%	32%	50%	28	0%	0%	100%
Indiana	52	71%	17%	12%	61	75%	23%	2%	69	57%	35%	9%	164	52%	34%	14%	3	33%	67%	0%
Iowa	25	100%	0%	0%	11	91%	9%	0%	71	20%	62%	18%	201	11%	63%	25%	5	60%	40%	0%
Kansas	25	72%	24%	4%	17	53%	41%	6%	66	27%	52%	21%	216	9%	45%	46%	2	50%	50%	0%
Kentucky	21	76%	24%	0%	44	64%	34%	2%	69	48%	22%	30%	96	28%	22%	50%	2	50%	0%	50%
Louisiana	43	49%	37%	14%	45	80%	11%	9%	55	42%	25%	33%	136	24%	36%	40%	9	67%	11%	22%
Maine	7	71%	14%	14%	16	63%	31%	6%	18	56%	28%	17%	73	21%	32%	48%	2	50%	50%	0%
Maryland	39	36%	23%	41%	94	43%	32%	26%	10	50%	40%	10%	43	51%	40%	9%	0	0%	0%	0%
Massachusetts	52	19%	29%	52%	218	37%	38%	25%	9	22%	11%	67%	49	20%	27%	53%	1	0%	0%	100%
Michigan	108	15%	29%	56%	179	33%	41%	26%	85	22%	52%	26%	277	10%	32%	58%	9	22%	33%	44%

Minnesota	39	41%	38%	21%	56	55%	36%	9%	82	34%	45%	21%	202	16%	41%	43%	5	20%	60%	20%
Mississippi	13	38%	38%	23%	15	80%	20%	0%	57	35%	53%	12%	152	29%	52%	19%	6	33%	50%	17%
Missouri	43	33%	30%	37%	70	64%	30%	6%	90	30%	36%	34%	296	11%	23%	66%	1	100%	0%	0%
Montana	10	80%	20%	0%	0	0%	0%	0%	25	40%	32%	28%	131	11%	34%	55%	0	0%	0%	0%
Nebraska	21	76%	24%	0%	9	89%	11%	0%	37	38%	49%	14%	192	10%	68%	22%	2	0%	0%	100%
Nevada	26	54%	35%	12%	18	56%	39%	6%	16	13%	25%	63%	25	8%	20%	72%	1	0%	0%	100%
New Hampshire	6	50%	33%	17%	27	48%	26%	26%	17	24%	35%	41%	36	25%	22%	53%	0	0%	0%	0%
New Jersey	30	67%	13%	20%	250	86%	10%	4%	9	100%	0%	0%	29	90%	10%	0%	37	100%	0%	0%
New Mexico	20	60%	25%	15%	6	67%	33%	0%	30	37%	20%	43%	70	17%	7%	76%	4	0%	0%	100%
New York	121	20%	36%	44%	252	46%	45%	9%	86	22%	35%	43%	283	12%	31%	57%	16	69%	19%	13%
North Carolina	83	63%	27%	11%	78	65%	26%	9%	46	37%	30%	33%	191	40%	24%	37%	18	72%	28%	0%
North Dakota	8	100%	0%	0%	3	67%	0%	33%	10	40%	40%	20%	127	3%	26%	71%	0	0%	0%	0%
Ohio	80	33%	43%	25%	224	62%	30%	8%	118	43%	42%	14%	280	39%	39%	23%	7	57%	29%	14%
Oklahoma	29	59%	24%	17%	31	68%	26%	6%	77	19%	23%	57%	321	5%	13%	82%	2	0%	100%	0%
Oregon	41	51%	44%	5%	32	53%	41%	6%	65	12%	38%	49%	107	2%	10%	88%	2	50%	0%	50%
Pennsylvania	81	54%	31%	15%	239	92%	5%	2%	80	75%	16%	9%	177	60%	29%	11%	11	91%	9%	0%
Rhode Island	9	11%	56%	33%	27	19%	67%	15%	0	0%	0%	0%	6	17%	33%	50%	1	0%	0%	100%
South Carolina	27	81%	15%	4%	57	91%	7%	2%	28	75%	18%	7%	90	54%	26%	20%	1	100%	0%	0%
South Dakota	5	80%	20%	0%	1	0%	100%	0%	22	64%	23%	14%	122	8%	43%	48%	0	0%	0%	0%
Tennessee	80	29%	36%	35%	41	59%	37%	5%	51	49%	41%	10%	139	40%	41%	19%	10	80%	20%	0%
Texas	251	81%	17%	2%	207	86%	10%	3%	181	63%	25%	12%	620	27%	35%	37%	81	90%	7%	2%
Utah	16	56%	38%	6%	52	50%	33%	17%	26	31%	19%	50%	33	6%	12%	82%	6	67%	0%	33%
Vermont	2	100%	0%	0%	2	50%	50%	0%	16	50%	50%	0%	39	10%	38%	51%	3	33%	67%	0%
Virginia	51	76%	24%	0%	101	78%	18%	4%	38	50%	11%	39%	119	48%	22%	30%	4	0%	0%	100%
Washington	69	43%	51%	6%	84	43%	50%	7%	51	20%	24%	57%	118	7%	12%	81%	3	33%	67%	0%
West Virginia	8	13%	63%	25%	14	14%	43%	43%	27	19%	26%	56%	65	8%	26%	66%	0	0%	0%	0%
Wisconsin	44	57%	25%	18%	62	69%	23%	8%	81	42%	49%	9%	222	16%	51%	33%	6	17%	17%	67%
Wyoming	6	100%	0%	0%	0	0%	0%	0%	17	65%	18%	18%	47	15%	23%	62%	1	0%	100%	0%
National	2575	53%	31%	16%	3889	55%	29%	10%	2394	36%	33%	26%	6847	24%	30%	44%	372	36%	23%	25%

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

State	Total Private City Schools with Athletics (n)	AT Services in City Secondary Schools			Total Private Suburban Schools with Athletics (n)	AT Services in Suburban Secondary Schools			Total Private Town Schools with Athletics (n)	AT Services in Town Secondary Schools			Total Private Rural Schools with Athletics (n)	AT Services in Rural Secondary Schools			Total Private Missing Schools with Athletics (n)	AT Services in Schools with Missing Locales		
		Full Time (%)	Part Time (%)	None (%)		Full Time (%)	Part Time (%)	None (%)		Full Time (%)	Part Time (%)	None (%)		Full Time (%)	Part Time (%)	None (%)		Full Time (%)	Part Time (%)	None (%)
Alabama	41	22%	41%	37%	18	22%	39%	39%	8	13%	38%	50%	40	13%	50%	38%	7	43%	14%	43%
Alaska	5	0%	40%	60%	1	0%	0%	100%	1	0%	0%	100%	1	0%	0%	100%	2	0%	50%	50%
Arizona	24	25%	17%	58%	10	10%	40%	50%	3	0%	0%	100%	11	0%	27%	73%	2	50%	0%	50%
Arkansas	14	36%	21%	43%	4	0%	0%	100%	5	40%	0%	60%	8	13%	13%	75%	0	0%	0%	0%
California	228	23%	37%	40%	172	12%	44%	44%	19	5%	26%	68%	32	13%	19%	69%	20	30%	20%	50%
Colorado	18	33%	17%	50%	14	43%	29%	29%	1	0%	100%	0%	4	0%	50%	50%	1	100%	0%	0%
Connecticut	15	40%	40%	20%	30	33%	40%	27%	1	0%	0%	100%	15	47%	33%	20%	7	100%	0%	0%
Delaware	6	67%	17%	17%	12	50%	25%	25%	2	50%	0%	50%	3	0%	33%	67%	2	100%	0%	0%
District of Columbia	15	73%	7%	20%	0	0%	0%	0%	0	0%	0%	0%	0	0%	0%	0%	0	0%	0%	0%
Florida	83	27%	29%	45%	139	24%	24%	52%	4	0%	0%	100%	23	13%	17%	70%	26	31%	15%	54%
Georgia	41	46%	34%	20%	57	32%	19%	49%	12	17%	17%	67%	46	11%	30%	59%	10	40%	60%	0%
Hawaii	14	71%	14%	14%	4	0%	100%	0%	7	29%	14%	57%	1	100%	0%	0%	4	50%	50%	0%
Idaho	3	33%	0%	67%	7	0%	29%	71%	5	0%	20%	80%	6	17%	17%	67%	1	0%	0%	100%
Illinois	55	22%	36%	42%	54	31%	26%	43%	15	33%	27%	40%	11	18%	0%	82%	8	88%	13%	0%
Indiana	35	51%	17%	31%	15	40%	13%	47%	11	0%	55%	45%	13	15%	38%	46%	1	100%	0%	0%
Iowa	12	42%	33%	25%	3	0%	33%	67%	14	14%	57%	29%	8	38%	50%	13%	2	0%	100%	0%
Kansas	13	23%	38%	38%	8	25%	13%	63%	12	8%	33%	58%	5	0%	40%	60%	1	100%	0%	0%
Kentucky	21	48%	19%	33%	14	29%	43%	29%	6	17%	17%	67%	14	14%	0%	86%	2	0%	50%	50%
Louisiana	38	58%	24%	18%	29	41%	14%	45%	18	22%	17%	61%	20	10%	0%	90%	3	33%	33%	33%
Maine	5	40%	40%	20%	4	50%	25%	25%	4	50%	0%	50%	16	38%	19%	44%	3	67%	0%	33%
Maryland	24	58%	17%	25%	57	47%	16%	37%	4	25%	0%	75%	20	20%	20%	60%	7	57%	43%	0%
Massachusetts	12	50%	42%	8%	38	58%	39%	3%	0	0%	0%	0%	8	63%	38%	0%	5	60%	40%	0%
Michigan	39	18%	41%	41%	55	13%	18%	69%	5	0%	40%	60%	21	0%	95%	5%	11	9%	18%	73%
Minnesota	17	29%	18%	53%	21	29%	33%	38%	8	25%	50%	25%	9	11%	33%	56%	1	0%	0%	100%
Mississippi	7	14%	29%	57%	9	56%	22%	22%	17	6%	59%	35%	48	19%	50%	31%	5	20%	80%	0%
Missouri	32	28%	38%	34%	39	23%	38%	38%	10	10%	30%	60%	21	10%	14%	76%	2	50%	50%	0%
Montana	3	33%	67%	0%	0	0%	0%	0%	3	0%	33%	67%	5	0%	20%	80%	0	0%	0%	0%
Nebraska	13	46%	46%	8%	3	33%	67%	0%	10	20%	70%	10%	10	10%	90%	0%	1	100%	0%	0%
Nevada	5	0%	0%	100%	6	33%	17%	50%	0	0%	0%	0%	2	50%	0%	50%	3	0%	33%	67%

New Hampshire	8	38%	0%	63%	12	17%	8%	75%	14	14%	7%	79%	40	18%	5%	78%	15	7%	0%	93%
New Jersey	7	43%	14%	43%	69	51%	17%	32%	0	0%	0%	0%	9	56%	11%	33%	6	83%	17%	0%
New Mexico	9	44%	11%	44%	3	0%	33%	67%	3	0%	0%	100%	4	0%	25%	75%	1	100%	0%	0%
New York	61	23%	46%	31%	43	30%	42%	28%	8	13%	13%	75%	16	13%	31%	56%	12	50%	33%	17%
North Carolina	47	28%	38%	34%	28	32%	21%	46%	2	0%	0%	100%	24	13%	17%	71%	5	40%	60%	0%
North Dakota	4	50%	50%	0%	0	0%	0%	0%	5	0%	40%	60%	0	0%	0%	0%	0	0%	0%	0%
Ohio	42	40%	40%	19%	61	39%	34%	26%	18	28%	6%	67%	20	15%	25%	60%	4	75%	25%	0%
Oklahoma	15	33%	27%	40%	6	17%	17%	67%	4	0%	0%	100%	8	13%	13%	75%	4	25%	25%	50%
Oregon	17	35%	24%	41%	13	8%	8%	85%	8	0%	13%	88%	8	13%	0%	88%	2	0%	0%	100%
Pennsylvania	38	53%	24%	24%	84	44%	31%	25%	13	15%	23%	62%	35	23%	14%	63%	9	78%	22%	0%
Rhode Island	5	80%	0%	20%	10	10%	80%	10%	0	0%	0%	0%	0	0%	0%	0%	1	0%	100%	0%
South Carolina	17	41%	29%	29%	23	48%	4%	48%	11	18%	36%	45%	35	23%	20%	57%	4	100%	0%	0%
South Dakota	2	50%	0%	50%	0	0%	0%	0%	3	67%	0%	33%	6	0%	67%	33%	3	0%	100%	0%
Tennessee	44	39%	36%	25%	16	31%	19%	50%	8	0%	38%	63%	22	23%	36%	41%	13	46%	38%	15%
Texas	148	24%	34%	41%	66	18%	27%	55%	13	8%	8%	85%	38	3%	24%	74%	15	53%	27%	20%
Utah	14	0%	14%	86%	15	13%	87%	0%	4	0%	100%	0%	15	0%	0%	100%	1	0%	0%	100%
Vermont	2	50%	0%	50%	0	0%	0%	0%	6	50%	17%	33%	15	27%	13%	60%	0	0%	0%	0%
Virginia	44	30%	18%	52%	40	18%	10%	73%	9	22%	0%	78%	48	21%	21%	58%	7	57%	0%	43%
Washington	26	31%	27%	42%	32	13%	28%	59%	6	17%	0%	83%	11	0%	9%	91%	0	0%	0%	0%
West Virginia	7	14%	43%	43%	3	0%	0%	100%	2	0%	50%	50%	5	0%	40%	60%	0	0%	0%	0%
Wisconsin	42	17%	29%	55%	13	15%	38%	46%	16	6%	56%	38%	18	17%	22%	61%	2	50%	0%	50%
Wyoming	0	0%	0%	0%	0	0%	0%	0%	1	0%	0%	100%	1	0%	0%	100%	0	0%	0%	0%
National	1437	36%	26%	36%	1360	22%	26%	40%	359	13%	22%	56%	799	16%	23%	55%	241	39%	22%	23%

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

	Total City Schools with Athletics (n)	AT Services in City Secondary Schools			Total Suburban Schools with Athletics (n)	AT Services in Suburban Secondary Schools			Total Town Schools with Athletics (n)	AT Services in Town Secondary Schools			Total Rural Schools with Athletics (n)	AT Services in Rural Secondary Schools			Total Missing Locales Schools with Athletics (n)	AT Services in Schools with Missing Locales		
		Full Time (%)	Part Time (%)	None (%)		Full Time (%)	Part Time (%)	None (%)		Full Time (%)	Part Time (%)	None (%)		Full Time (%)	Part Time (%)	None (%)		Full Time (%)	Part Time (%)	None (%)
Combined	4012	48%	28%	24%	5249	47%	29%	19%	2753	33%	32%	31%	7646	22%	29%	47%	613	40%	27%	27%
Public	2575	53%	31%	16%	3889	55%	29%	10%	2394	36%	33%	26%	6847	24%	30%	44%	372	36%	23%	25%
Private	1437	36%	26%	36%	1360	22%	26%	40%	359	13%	22%	56%	799	16%	23%	55%	241	39%	22%	23%

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 Schools with Athletics (n)	AT Services in City Secondary Schools			Total Suburban Schools with Athletics (n)	AT Services in Suburban Secondary Schools			Total Town Schools with Athletics (n)	AT Services in Town Secondary Schools			Total Rural Schools with Athletics (n)	AT Services in Rural Secondary Schools			Total Missing Locales Schools with Athletics (n)	AT Services in Schools with Missing Locales		
		Full Time (%)	Part Time (%)	None (%)		Full Time (%)	Part Time (%)	None (%)		Full Time (%)	Part Time (%)	None (%)		Full Time (%)	Part Time (%)	None (%)		Full Time (%)	Part Time (%)	None (%)
District 1	150	44%	27%	29%	460	41%	43%	16%	91	24%	28%	31%	325	23%	31%	46%	46	36%	33%	31%
District 2	345	48%	28%	24%	963	63%	27%	10%	201	57%	23%	20%	561	49%	25%	25%	96	86%	11%	4%
District 3	380	51%	26%	22%	495	42%	18%	23%	177	33%	19%	31%	640	28%	21%	33%	64	44%	13%	26%
District 4	698	35%	28%	38%	972	55%	28%	17%	635	36%	45%	19%	1455	24%	38%	38%	85	32%	28%	40%
District 5	247	62%	23%	15%	201	52%	33%	15%	431	31%	40%	29%	1533	8%	40%	51%	25	32%	39%	14%
District 6	434	64%	16%	20%	291	54%	21%	25%	252	44%	16%	40%	786	21%	21%	57%	100	80%	5%	15%
District 7	247	53%	25%	22%	216	40%	28%	13%	159	35%	27%	38%	372	14%	17%	69%	30	35%	35%	31%
District 8	687	50%	25%	25%	645	49%	34%	17%	162	32%	21%	47%	203	30%	17%	53%	38	23%	35%	42%
District 9	623	42%	35%	23%	821	53%	30%	16%	442	35%	41%	23%	1173	28%	40%	32%	118	45%	30%	25%
District 10	272	48%	33%	20%	245	33%	27%	20%	241	24%	32%	44%	737	10%	25%	65%	21	21%	16%	43%
National	4012	48%	28%	24%	5249	47%	29%	19%	2753	33%	32%	31%	7646	22%	29%	47%	613	40%	27%	27%

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

NATA District	Total City Schools with Athletics (n)	AT Services in City Secondary Schools			Total Suburban Schools with Athletics (n)	AT Services in Suburban Secondary Schools			Total Town Schools with Athletics (n)	AT Services in Town Secondary Schools			Total Rural Schools with Athletics (n)	AT Services in Rural Secondary Schools			Total Missing Locales Schools with Athletics (n)	AT Services in Schools with Missing Locales		
		Full Time (%)	Part Time (%)	None (%)		Full Time (%)	Part Time (%)	None (%)		Full Time (%)	Part Time (%)	None (%)		Full Time (%)	Part Time (%)	None (%)		Full Time (%)	Part Time (%)	None (%)
District 1	103	45%	33%	22%	366	43%	44%	13%	66	25%	35%	24%	231	20%	36%	44%	15	20%	28%	35%
District 2	233	35%	45%	20%	755	69%	28%	4%	178	58%	29%	13%	498	57%	26%	17%	67	90%	7%	3%
District 3	226	59%	28%	13%	344	49%	21%	14%	149	38%	21%	24%	508	33%	23%	27%	41	30%	5%	32%
District 4	468	39%	27%	34%	753	62%	29%	9%	562	39%	46%	15%	1363	25%	38%	37%	58	25%	34%	41%
District 5	156	74%	17%	8%	142	62%	31%	7%	373	34%	41%	25%	1475	8%	40%	52%	12	30%	27%	14%
District 6	272	86%	9%	6%	221	68%	23%	9%	234	46%	17%	37%	740	22%	21%	56%	85	83%	4%	14%
District 7	182	61%	31%	8%	174	48%	25%	7%	147	38%	25%	37%	337	15%	18%	67%	25	31%	38%	32%
District 8	440	59%	24%	18%	463	58%	30%	12%	136	41%	20%	39%	168	27%	19%	54%	11	0%	17%	50%
District 9	348	46%	39%	15%	539	63%	33%	5%	369	40%	44%	17%	960	31%	43%	26%	52	60%	19%	21%
District 10	147	46%	44%	10%	132	33%	21%	26%	180	19%	34%	47%	567	7%	14%	80%	6	17%	33%	10%
National	2575	53%	31%	16%	3889	55%	29%	10%	2394	36%	33%	26%	6847	24%	30%	44%	372	36%	23%	25%

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

NATA District	Total City Schools with Athletics (n)	AT Services in City Secondary Schools			Total Suburban Schools with Athletics (n)	AT Services in Suburban Secondary Schools			Total Town Schools with Athletics (n)	AT Services in Town Secondary Schools			Total Rural Schools with Athletics (n)	AT Services in Rural Secondary Schools			Total Missing Locales Schools with Athletics (n)	AT Services in Schools with Missing Locales		
		Full Time (%)	Part Time (%)	None (%)		Full Time (%)	Part Time (%)	None (%)		Full Time (%)	Part Time (%)	None (%)		Full Time (%)	Part Time (%)	None (%)		Full Time (%)	Part Time (%)	None (%)
District 1	47	50%	20%	30%	94	28%	32%	23%	25	19%	4%	44%	94	32%	18%	34%	31	39%	23%	21%
District 2	112	46%	25%	29%	208	44%	29%	27%	23	19%	9%	47%	63	23%	22%	55%	29	78%	18%	4%
District 3	154	41%	25%	34%	151	24%	9%	51%	28	11%	14%	58%	132	13%	20%	51%	23	42%	17%	7%
District 4	230	30%	30%	40%	219	28%	27%	45%	73	15%	39%	46%	92	13%	36%	52%	27	54%	9%	37%
District 5	91	39%	33%	28%	59	14%	24%	33%	58	17%	33%	50%	58	10%	39%	37%	13	39%	39%	7%
District 6	153	12%	37%	51%	67	9%	14%	77%	14	4%	4%	92%	39	1%	12%	87%	17	27%	38%	35%
District 7	65	21%	12%	48%	42	13%	38%	29%	12	0%	40%	60%	35	0%	20%	80%	5	50%	0%	30%
District 8	247	31%	17%	52%	182	15%	53%	31%	26	11%	14%	42%	35	54%	6%	40%	27	27%	34%	39%
District 9	275	36%	30%	34%	282	34%	26%	41%	73	11%	26%	63%	213	15%	26%	59%	66	30%	42%	28%
District 10	54	27%	31%	42%	53	4%	13%	63%	23	3%	13%	84%	31	6%	9%	85%	5	0%	10%	50%
National	1437	36%	26%	36%	1360	22%	26%	40%	359	13%	22%	56%	799	16%	23%	55%	241	39%	22%	23%

Athletic Training Services by Employment Model, by State

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
Alabama	378	30%	114	0%	14%	76%	10%
Alaska	22	32%	7	14%	0%	57%	29%
Arizona	185	58%	108	34%	38%	23%	5%
Arkansas	95	67%	64	16%	20%	64%	0%
California	894	35%	315	46%	19%	24%	10%
Colorado	228	51%	116	29%	14%	53%	3%
Connecticut	187	44%	83	35%	5%	55%	5%
Delaware	48	69%	33	27%	21%	45%	6%
District of Columbia	31	97%	30	87%	7%	0%	7%
Florida	508	51%	260	23%	17%	52%	9%
Georgia	457	45%	204	10%	11%	74%	5%
Hawaii	67	54%	36	75%	0%	25%	0%
Idaho	62	60%	37	11%	24%	65%	0%
Illinois	505	39%	197	15%	9%	70%	6%
Indiana	359	62%	221	5%	7%	85%	3%
Iowa	278	27%	75	12%	1%	81%	5%
Kansas	229	34%	77	12%	4%	74%	10%
Kentucky	190	52%	98	8%	5%	86%	1%
Louisiana	261	68%	177	6%	18%	69%	7%
Maine	96	99%	95	27%	11%	55%	7%
Maryland	211	70%	147	24%	10%	59%	7%
Massachusetts	276	42%	117	44%	15%	36%	6%
Michigan	410	54%	222	10%	3%	79%	8%
Minnesota	298	58%	173	1%	1%	95%	3%
Mississippi	262	35%	91	3%	4%	91%	1%
Missouri	309	52%	160	7%	11%	77%	5%
Montana	92	64%	59	8%	7%	76%	8%
Nebraska	246	26%	63	24%	8%	59%	10%
Nevada	58	69%	40	13%	15%	63%	10%
New Hampshire	71	70%	50	34%	8%	52%	6%
New Jersey	403	58%	235	89%	6%	3%	2%
New Mexico	65	51%	33	30%	64%	3%	3%
New York	574	40%	230	34%	7%	53%	6%
North Carolina	373	64%	238	11%	27%	59%	3%
North Dakota	61	57%	35	3%	3%	94%	0%
Ohio	688	42%	292	1%	5%	91%	2%
Oklahoma	161	76%	123	25%	14%	54%	7%
Oregon	130	69%	90	28%	3%	58%	11%
Pennsylvania	664	61%	403	23%	5%	68%	4%
Rhode Island	46	46%	21	29%	10%	57%	5%
South Carolina	230	80%	185	9%	21%	63%	8%
South Dakota	98	67%	66	0%	0%	85%	15%
Tennessee	327	55%	180	10%	4%	82%	4%
Texas	1215	46%	561	52%	34%	13%	2%
Utah	85	80%	68	9%	22%	65%	4%
Vermont	53	100%	53	34%	6%	51%	9%
Virginia	312	59%	183	39%	29%	30%	2%
Washington	220	64%	140	9%	29%	55%	7%
West Virginia	55	27%	15	27%	13%	53%	7%
Wisconsin	362	29%	105	3%	0%	94%	3%
Wyoming	39	74%	29	41%	21%	34%	3%
National	13474	50%	6754	23%	13%	59%	6%

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
Alabama	307	32%	99	0%	15%	74%	11%
Alaska	19	26%	5	20%	0%	60%	20%
Arizona	166	61%	101	35%	39%	24%	3%
Arkansas	83	71%	59	17%	20%	63%	0%
California	637	37%	237	42%	19%	28%	12%
Colorado	205	53%	108	29%	13%	55%	4%
Connecticut	134	42%	56	20%	0%	73%	7%
Delaware	30	77%	23	30%	22%	43%	4%
District of Columbia	19	100%	19	100%	0%	0%	0%
Florida	376	55%	206	17%	18%	56%	9%
Georgia	362	43%	156	6%	12%	77%	4%
Hawaii	43	44%	19	100%	0%	0%	0%
Idaho	56	63%	35	9%	26%	66%	0%
Illinois	423	40%	171	17%	9%	68%	6%
Indiana	313	62%	194	6%	7%	84%	3%
Iowa	249	26%	64	9%	2%	84%	5%
Kansas	210	34%	72	13%	4%	75%	8%
Kentucky	161	52%	84	8%	5%	86%	1%
Louisiana	203	68%	138	6%	20%	69%	5%
Maine	76	99%	75	24%	7%	61%	8%
Maryland	141	71%	100	9%	6%	75%	10%
Massachusetts	215	41%	89	40%	12%	42%	6%
Michigan	364	56%	203	10%	3%	79%	8%
Minnesota	267	58%	155	0%	0%	97%	3%
Mississippi	203	31%	62	3%	6%	89%	2%
Missouri	253	49%	124	6%	11%	76%	6%
Montana	87	62%	54	9%	7%	76%	7%
Nebraska	211	24%	50	24%	8%	58%	10%
Nevada	53	70%	37	14%	14%	65%	8%
New Hampshire	52	71%	37	27%	5%	62%	5%
New Jersey	340	57%	195	92%	5%	1%	2%
New Mexico	57	51%	29	31%	69%	0%	0%
New York	482	41%	197	34%	5%	55%	6%
North Carolina	315	65%	205	9%	28%	60%	4%
North Dakota	55	55%	30	3%	3%	93%	0%
Ohio	591	43%	255	1%	6%	92%	1%
Oklahoma	146	75%	110	25%	14%	54%	7%
Oregon	116	71%	82	26%	4%	60%	11%
Pennsylvania	545	63%	341	21%	4%	71%	4%
Rhode Island	32	34%	11	0%	0%	91%	9%
South Carolina	181	83%	150	8%	25%	59%	8%
South Dakota	88	68%	60	0%	0%	87%	13%
Tennessee	259	55%	142	9%	4%	82%	4%
Texas	1074	49%	521	51%	36%	11%	2%
Utah	81	80%	65	9%	23%	65%	3%
Vermont	42	100%	42	31%	5%	52%	12%
Virginia	254	61%	155	37%	30%	32%	1%
Washington	190	62%	117	9%	32%	51%	9%
West Virginia	48	29%	14	21%	14%	57%	7%
Wisconsin	318	30%	94	3%	0%	94%	3%
Wyoming	39	74%	29	41%	21%	34%	3%
National	11171	51%	5676	22%	12%	60%	6%

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
Alabama	70	21%	15	0%	7%	93%	0%
Alaska	3	67%	2	0%	0%	50%	50%
Arizona	19	37%	7	29%	29%	14%	29%
Arkansas	12	42%	5	0%	20%	80%	0%
California	258	30%	78	60%	21%	12%	6%
Colorado	23	35%	8	38%	25%	38%	0%
Connecticut	53	51%	27	67%	15%	19%	0%
Delaware	18	56%	10	20%	20%	50%	10%
District of Columbia	12	92%	11	64%	18%	0%	18%
Florida	132	41%	54	43%	11%	37%	9%
Georgia	95	51%	48	21%	6%	65%	8%
Hawaii	24	71%	17	47%	0%	0%	53%
Idaho	6	33%	2	50%	0%	50%	0%
Illinois	82	32%	26	4%	12%	85%	0%
Indiana	46	59%	27	4%	4%	89%	4%
Iowa	29	38%	11	27%	0%	64%	9%
Kansas	19	26%	5	0%	0%	60%	40%
Kentucky	29	48%	14	7%	7%	86%	0%
Louisiana	58	67%	39	8%	8%	72%	13%
Maine	20	100%	20	40%	25%	30%	5%
Maryland	70	67%	47	57%	17%	26%	0%
Massachusetts	61	46%	28	54%	21%	18%	7%
Michigan	46	41%	19	16%	0%	79%	5%
Minnesota	31	58%	18	11%	6%	83%	0%
Mississippi	59	49%	29	3%	0%	97%	0%
Missouri	56	64%	36	8%	11%	81%	0%
Montana	5	100%	5	0%	0%	80%	20%
Nebraska	35	37%	13	23%	8%	62%	8%
Nevada	5	60%	3	0%	33%	33%	33%
New Hampshire	19	68%	13	54%	15%	23%	8%
New Jersey	63	63%	40	78%	13%	10%	0%
New Mexico	8	50%	4	25%	25%	25%	25%
New York	92	36%	33	39%	15%	39%	6%
North Carolina	58	57%	33	24%	21%	55%	0%
North Dakota	6	83%	5	0%	0%	100%	0%
Ohio	97	38%	37	3%	3%	89%	5%
Oklahoma	15	87%	13	23%	15%	62%	0%
Oregon	14	57%	8	50%	0%	38%	13%
Pennsylvania	119	52%	62	31%	11%	53%	5%
Rhode Island	14	71%	10	60%	20%	20%	0%
South Carolina	49	71%	35	11%	6%	77%	6%
South Dakota	10	60%	6	0%	0%	67%	33%
Tennessee	68	56%	38	13%	3%	82%	3%
Texas	141	28%	40	55%	8%	35%	3%
Utah	4	75%	3	0%	0%	67%	33%
Vermont	11	100%	11	45%	9%	45%	0%
Virginia	58	48%	28	50%	21%	21%	7%
Washington	30	77%	23	9%	17%	74%	0%
West Virginia	7	14%	1	100%	0%	0%	0%
Wisconsin	43	26%	11	0%	0%	100%	0%
Wyoming	0	0%	0	0%	0%	0%	0%
National	2302	47%	1078	27%	10%	52%	9%

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

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
Public	11171	51%	5676	22%	12%	60%	6%
Private	2302	47%	1078	27%	10%	52%	9%
Public + Private	13474	50%	6754	23%	13%	59%	6%

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
District 1	729	57%	419	34%	9%	51%	6%
District 2	1689	53%	901	43%	10%	42%	5%
District 3	1212	66%	798	33%	18%	44%	6%
District 4	2622	46%	1210	6%	4%	86%	4%
District 5	1382	43%	599	12%	6%	75%	7%
District 6	1310	48%	625	34%	27%	39%	1%
District 7	602	59%	354	29%	32%	36%	4%
District 8	1019	38%	391	45%	11%	37%	7%
District 9	2383	47%	1124	9%	10%	76%	5%
District 10	526	63%	333	14%	13%	62%	11%
National	13474	50%	6754	23%	13%	59%	6%

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
District 1	551	56%	310	24%	5%	64%	8%
District 2	1397	54%	756	44%	9%	43%	4%
District 3	958	67%	643	31%	17%	47%	5%
District 4	2276	47%	1072	6%	4%	86%	4%
District 5	1212	42%	510	11%	6%	75%	7%
District 6	1157	50%	580	34%	28%	37%	1%
District 7	548	61%	332	29%	33%	36%	3%
District 8	733	40%	293	52%	11%	31%	7%
District 9	1871	47%	887	7%	11%	76%	5%
District 10	468	63%	293	15%	14%	63%	9%
National	11171	51%	5676	22%	12%	60%	6%

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
District 1	178	61%	109	53%	18%	26%	3%
District 2	292	50%	145	42%	15%	38%	5%
District 3	254	61%	155	51%	14%	30%	5%
District 4	345	40%	138	6%	4%	88%	2%
District 5	170	52%	89	12%	5%	71%	13%
District 6	153	29%	45	28%	14%	58%	2%
District 7	54	41%	22	18%	16%	29%	17%
District 8	287	34%	98	36%	18%	15%	31%
District 9	511	46%	237	14%	6%	76%	5%
District 10	58	69%	40	22%	3%	58%	17%
National	2302	47%	1078	27%	10%	52%	9%

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	378	30%	114	1	70	43	0
Alaska	22	32%	7	0	2	5	0
Arizona	185	58%	108	0	54	54	0
Arkansas	95	67%	64	1	36	27	0
California	894	35%	315	4	171	140	0
Colorado	228	51%	116	2	58	56	0
Connecticut	187	44%	83	0	31	52	0
Delaware	48	69%	33	2	13	18	0
District of Columbia	31	97%	30	2	24	4	0
Florida	508	51%	260	3	126	131	0
Georgia	457	45%	204	1	127	76	0
Hawaii	67	54%	36	0	20	16	0
Idaho	62	60%	37	1	18	18	0
Illinois	505	39%	197	0	96	101	0
Indiana	359	62%	221	2	120	99	0
Iowa	278	27%	75	2	37	36	0
Kansas	229	34%	77	1	47	29	0
Kentucky	190	52%	98	2	66	30	0
Louisiana	261	68%	177	4	94	79	0
Maine	96	99%	95	1	25	69	0
Maryland	211	70%	147	3	73	71	0
Massachusetts	276	42%	117	1	61	55	0
Michigan	410	54%	222	0	83	139	0
Minnesota	298	58%	173	3	76	94	0
Mississippi	262	35%	91	1	54	36	0
Missouri	309	52%	160	3	105	52	0
Montana	92	64%	59	3	38	18	0
Nebraska	246	26%	63	4	32	27	0
Nevada	58	69%	40	0	18	22	0
New Hampshire	71	70%	50	0	20	30	0
New Jersey	403	58%	235	2	138	95	0
New Mexico	65	51%	33	0	14	19	0
New York	574	40%	230	1	129	100	0
North Carolina	373	64%	238	1	133	104	0
North Dakota	61	57%	35	1	13	21	0
Ohio	688	42%	292	1	154	137	0
Oklahoma	161	76%	123	1	80	42	0
Oregon	130	69%	90	0	46	44	0
Pennsylvania	664	61%	403	4	217	182	0
Rhode Island	46	46%	21	0	10	11	0
South Carolina	230	80%	185	4	113	68	0
South Dakota	98	67%	66	2	35	29	0
Tennessee	327	55%	180	1	96	83	0
Texas	1215	46%	561	3	312	246	0
Utah	85	80%	68	0	36	32	0
Vermont	53	100%	53	1	23	29	0
Virginia	312	59%	183	2	118	63	0
Washington	220	64%	140	1	84	55	0
West Virginia	55	27%	15	0	6	9	0
Wisconsin	362	29%	105	1	50	54	0
Wyoming	39	74%	29	0	16	13	0
National	13474	50%	6754	73	3618	3063	0

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	307	32%	99	1	59	39	0
Alaska	19	26%	5	0	2	3	0
Arizona	166	61%	101	0	52	49	0
Arkansas	83	71%	59	1	32	26	0
California	637	37%	237	3	126	108	0
Colorado	205	53%	108	2	55	51	0
Connecticut	134	42%	56	0	17	39	0
Delaware	30	77%	23	1	8	14	0
District of Columbia	19	100%	19	2	17	0	0
Florida	376	55%	206	1	97	108	0
Georgia	362	43%	156	1	99	56	0
Hawaii	43	44%	19	0	11	8	0
Idaho	56	63%	35	1	18	16	0
Illinois	423	40%	171	0	90	81	0
Indiana	313	62%	194	2	103	89	0
Iowa	249	26%	64	2	33	29	0
Kansas	210	34%	72	1	45	26	0
Kentucky	161	52%	84	2	57	25	0
Louisiana	203	68%	138	3	74	61	0
Maine	76	99%	75	1	18	56	0
Maryland	141	71%	100	0	51	49	0
Massachusetts	215	41%	89	0	45	44	0
Michigan	364	56%	203	0	76	127	0
Minnesota	267	58%	155	3	68	84	0
Mississippi	203	31%	62	1	37	24	0
Missouri	253	49%	124	2	87	35	0
Montana	87	62%	54	3	37	14	0
Nebraska	211	24%	50	3	25	22	0
Nevada	53	70%	37	0	16	21	0
New Hampshire	52	71%	37	0	12	25	0
New Jersey	340	57%	195	2	111	82	0
New Mexico	57	51%	29	0	11	18	0
New York	482	41%	197	1	110	86	0
North Carolina	315	65%	205	1	115	89	0
North Dakota	55	55%	30	1	10	19	0
Ohio	591	43%	255	1	133	121	0
Oklahoma	146	75%	110	1	70	39	0
Oregon	116	71%	82	0	43	39	0
Pennsylvania	545	63%	341	3	176	162	0
Rhode Island	32	34%	11	0	2	9	0
South Carolina	181	83%	150	2	92	56	0
South Dakota	88	68%	60	2	32	26	0
Tennessee	259	55%	142	0	80	62	0
Texas	1074	49%	521	1	288	232	0
Utah	81	80%	65	0	34	31	0
Vermont	42	100%	42	1	19	22	0
Virginia	254	61%	155	1	101	53	0
Washington	190	62%	117	0	68	49	0
West Virginia	48	29%	14	0	5	9	0
Wisconsin	318	30%	94	1	46	47	0
Wyoming	39	74%	29	0	16	13	0
National	11171	51%	5676	54	3029	2593	0

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	70	21%	15	0	11	4	0
Alaska	3	67%	2	0	0	2	0
Arizona	19	37%	7	0	2	5	0
Arkansas	12	42%	5	0	4	1	0
California	258	30%	78	1	44	33	0
Colorado	23	35%	8	0	3	5	0
Connecticut	53	51%	27	0	14	13	0
Delaware	18	56%	10	1	5	4	0
District of Columbia	12	92%	11	0	7	4	0
Florida	132	41%	54	2	29	23	0
Georgia	95	51%	48	0	28	20	0
Hawaii	24	71%	17	0	9	8	0
Idaho	6	33%	2	0	0	2	0
Illinois	82	32%	26	0	6	20	0
Indiana	46	59%	27	0	17	10	0
Iowa	29	38%	11	0	4	7	0
Kansas	19	26%	5	0	2	3	0
Kentucky	29	48%	14	0	9	5	0
Louisiana	58	67%	39	1	20	18	0
Maine	20	100%	20	0	7	13	0
Maryland	70	67%	47	3	22	22	0
Massachusetts	61	46%	28	1	16	11	0
Michigan	46	41%	19	0	7	12	0
Minnesota	31	58%	18	0	8	10	0
Mississippi	59	49%	29	0	17	12	0
Missouri	56	64%	36	1	18	17	0
Montana	5	100%	5	0	1	4	0
Nebraska	35	37%	13	1	7	5	0
Nevada	5	60%	3	0	2	1	0
New Hampshire	19	68%	13	0	8	5	0
New Jersey	63	63%	40	0	27	13	0
New Mexico	8	50%	4	0	3	1	0
New York	92	36%	33	0	19	14	0
North Carolina	58	57%	33	0	18	15	0
North Dakota	6	83%	5	0	3	2	0
Ohio	97	38%	37	0	21	16	0
Oklahoma	15	87%	13	0	10	3	0
Oregon	14	57%	8	0	3	5	0
Pennsylvania	119	52%	62	1	41	20	0
Rhode Island	14	71%	10	0	8	2	0
South Carolina	49	71%	35	2	21	12	0
South Dakota	10	60%	6	0	3	3	0
Tennessee	68	56%	38	1	16	21	0
Texas	141	28%	40	2	24	14	0
Utah	4	75%	3	0	2	1	0
Vermont	11	100%	11	0	4	7	0
Virginia	58	48%	28	1	17	10	0
Washington	30	77%	23	1	16	6	0
West Virginia	7	14%	1	0	1	0	0
Wisconsin	43	26%	11	0	4	7	0
Wyoming	0	0%	0	0	0	0	0
National	2302	47%	1078	19	588	471	0

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

State	Schools with Access to AT Services	% ATLAS Survey Complete	# Completed ATLAS Surveys	Education Level			
				PhD	MS	BS	Unknown
Combined	13474	50%	6754	73	3618	3063	0
Public	11171	51%	5676	54	3029	2593	0
Private	2302	47%	1078	19	588	471	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	729	57%	419	3	170	246	0
District 2	1689	53%	901	9	497	395	0
District 3	1212	66%	798	12	467	319	0
District 4	2622	46%	1210	7	579	624	0
District 5	1382	43%	599	14	349	236	0
District 6	1310	48%	625	4	348	273	0
District 7	602	59%	354	2	178	174	0
District 8	1019	38%	391	4	209	178	0
District 9	2383	47%	1124	13	633	478	0
District 10	526	63%	333	5	188	140	0
National	13474	50%	6754	73	3618	3063	0

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	551	56%	310	2	113	195	0
District 2	1397	54%	756	7	405	344	0
District 3	958	67%	643	6	381	256	0
District 4	2276	47%	1072	7	516	549	0
District 5	1212	42%	510	12	302	196	0
District 6	1157	50%	580	2	320	258	0
District 7	548	61%	332	2	168	162	0
District 8	733	40%	293	3	153	137	0
District 9	1871	47%	887	9	503	375	0
District 10	468	63%	293	4	168	121	0
National	11171	51%	5676	54	3029	2593	0

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	178	61%	109	1	57	51	0
District 2	292	50%	145	2	92	51	0
District 3	254	61%	155	6	86	63	0
District 4	345	40%	138	0	63	75	0
District 5	170	52%	89	2	47	40	0
District 6	153	29%	45	2	28	15	0
District 7	54	41%	22	0	10	12	0
District 8	287	34%	98	1	55	42	0
District 9	511	46%	237	4	130	103	0
District 10	58	69%	40	1	20	19	0
National	2302	47%	1078	19	588	471	0