

ATS - Research Module

The ATS Research Module allows you to get de-identified data from your system and compare it to data from other ATS Clients who have also agreed to participate in the Research. The information is automatically pulled from areas of the injury and athlete profiles.

- Below are the fields currently included in the research module.

The screenshot displays the 'Injury - Adams, John A' record in the ATS system. The top section shows general injury information, including the athlete's name, status (Current), and various dates (Injured, Reported, Rtn to Play, Resolved). Below this, there are fields for Body Part, Inj/Ill, Side, MOI, and Severity. The bottom section shows the 'Notes/More' tab, which contains a list of data fields for research, categorized into 'From athlete info' and 'From team definition'.

From athlete info

- Athlete birth month
- Athlete birth year
- Athlete year
- Athlete state
- Athlete age
- Athlete gender
- Athlete position

From team definition

- Team gender
- Competitive level

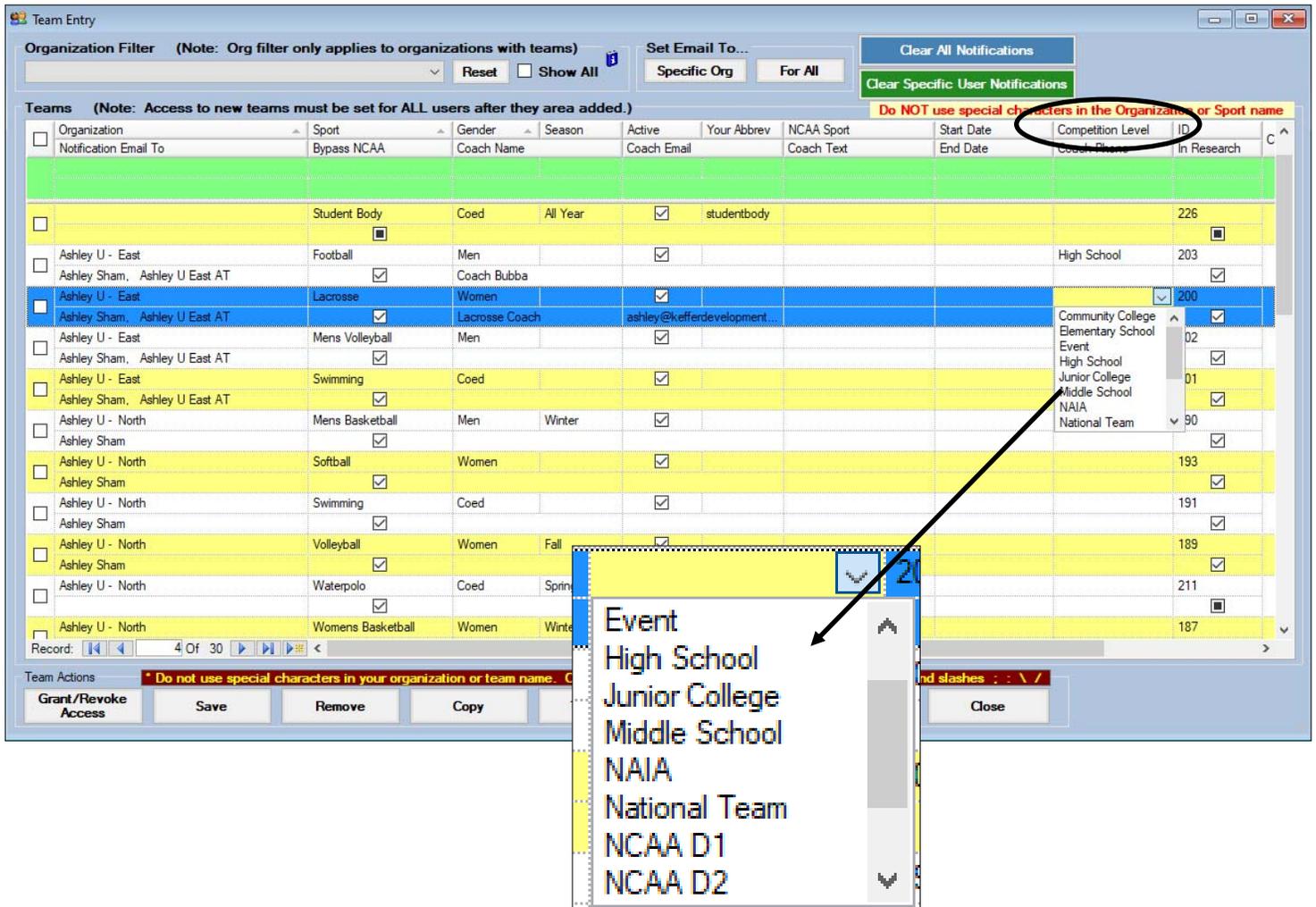
Once you, your organization or school have opted into the Research you will receive a log in for the ATS Research Module.

**If you would like to participate in the Research please contact us at 1-888-328-2577.*

ATS - Research Module

One area that we ask you fill out/complete if you are going to participate in the research is your competition level. This can be found in the Team entry screen. Go to admin—> add/update teams & organizations—> add/update all teams.

When the screen loads scroll over to the competition level column and select the appropriate level from the options available in the drop down box.



The screenshot displays the 'Team Entry' interface. At the top, there are filters for 'Organization Filter' and 'Set Email To...'. Below these is a table of teams. The table has columns for Organization, Sport, Gender, Season, Active, Your Abbrev, NCAA Sport, Start Date, End Date, Competition Level, ID, and In Research. A dropdown menu is open for the 'Competition Level' column of the selected row, showing options: Event, High School, Junior College, Middle School, NAIA, National Team, NCAA D1, and NCAA D2. A red warning message is visible at the top right: 'Do NOT use special characters in the Organization or Sport name'. At the bottom, there are 'Team Actions' buttons: Grant/Revoke Access, Save, Remove, Copy, and Close.

Organization	Sport	Gender	Season	Active	Your Abbrev	NCAA Sport	Start Date	End Date	Competition Level	ID	In Research
Ashley U - East	Football	Men	All Year	<input checked="" type="checkbox"/>	studentbody				High School	203	<input checked="" type="checkbox"/>
Ashley U - East	Lacrosse	Women		<input checked="" type="checkbox"/>					Community College	200	<input checked="" type="checkbox"/>
Ashley U - East	Mens Volleyball	Men		<input checked="" type="checkbox"/>					Elementary School	02	<input checked="" type="checkbox"/>
Ashley U - East	Swimming	Coed		<input checked="" type="checkbox"/>					High School	01	<input checked="" type="checkbox"/>
Ashley U - North	Mens Basketball	Men	Winter	<input checked="" type="checkbox"/>					Junior College	01	<input checked="" type="checkbox"/>
Ashley U - North	Softball	Women		<input checked="" type="checkbox"/>					Middle School		<input checked="" type="checkbox"/>
Ashley U - North	Swimming	Coed		<input checked="" type="checkbox"/>					NAIA		<input checked="" type="checkbox"/>
Ashley U - North	Volleyball	Women	Fall	<input checked="" type="checkbox"/>					National Team	90	<input checked="" type="checkbox"/>
Ashley U - North	Waterpolo	Coed	Spring	<input checked="" type="checkbox"/>							<input checked="" type="checkbox"/>
Ashley U - North	Womens Basketball	Women	Winter	<input checked="" type="checkbox"/>							<input checked="" type="checkbox"/>

ATS - Research Module

Once you have received your log in information open a browser (Chrome or Internet Explorer/ Edge preferred) and go to

Research.atsusers.com. Log in with the log in information you have been provided.

Athletic Trainer System Research Web

User ID:

Password:

Database:

Login

[Forgot your Password?](#)

Copyright (c) by Keffer Development Services, LLC

Once you are logged in you should see the screen shown below. You will have access to three areas:

- 1)Data Miner
- 2)My User Info—if you need to change your log in information to something easier to remember
- 3)Reports

Athletic Trainer System Research Web

Logout

Data Miner My User Info Reports

re-search

ATS

ATS

ATS

ATS

ATS

ATS

Database: ATS_1RESEARCH | Version 1.0.0.0
Copyright © 2019, Keffer Development Services, LLC

Logout

ATS - Research Module

The data miner allows you to choose the specific areas of injury information you would like to look at.

1) Choose injury information

2) select the data to be exported

3) Apply any filters desired, this allows you to pull more specific data, for example you may want to look at just ankle injuries, or just injuries from a specific surface, etc., as well as the date range you wish to look at.

4) Export this information to an Excel sheet.

Injury Information

2 - Select the data to be exported

Select All Fields Clear Selections

DatabaseName InjuryRptDate ResolveDate Humidity
 BodyPart TeamGender ResolveDays HeatIndex
 InjuryType SportName CompLevel InjurySurface
 InjurySide Season InjuryWhen InjuryMechanism
 AthleteYear ReturnDate Reinjury State
 InjuryDate ReturnDays Temperature PersonAge

3 - Enter filter values

Clear/Reset Filter Info

Filters to Apply

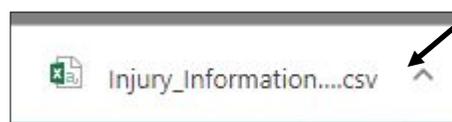
Ath Gender: Injury Type: My Database Only
Ath Year: Severity: Reinjury
Sport: Event: Surgery Required
Season: State:
Comp Level: Birth Month:
Happened: Position:
Surface: Birth Year: >= <=
Mechanism: Heat Index: >= <=
Team Gender: Temperature: >= <=
Injury Side: Humidity: >= <=
Body Part: Athlete Age: >= <=

Select the date range

Date Field:
From:
To:

4 - Export

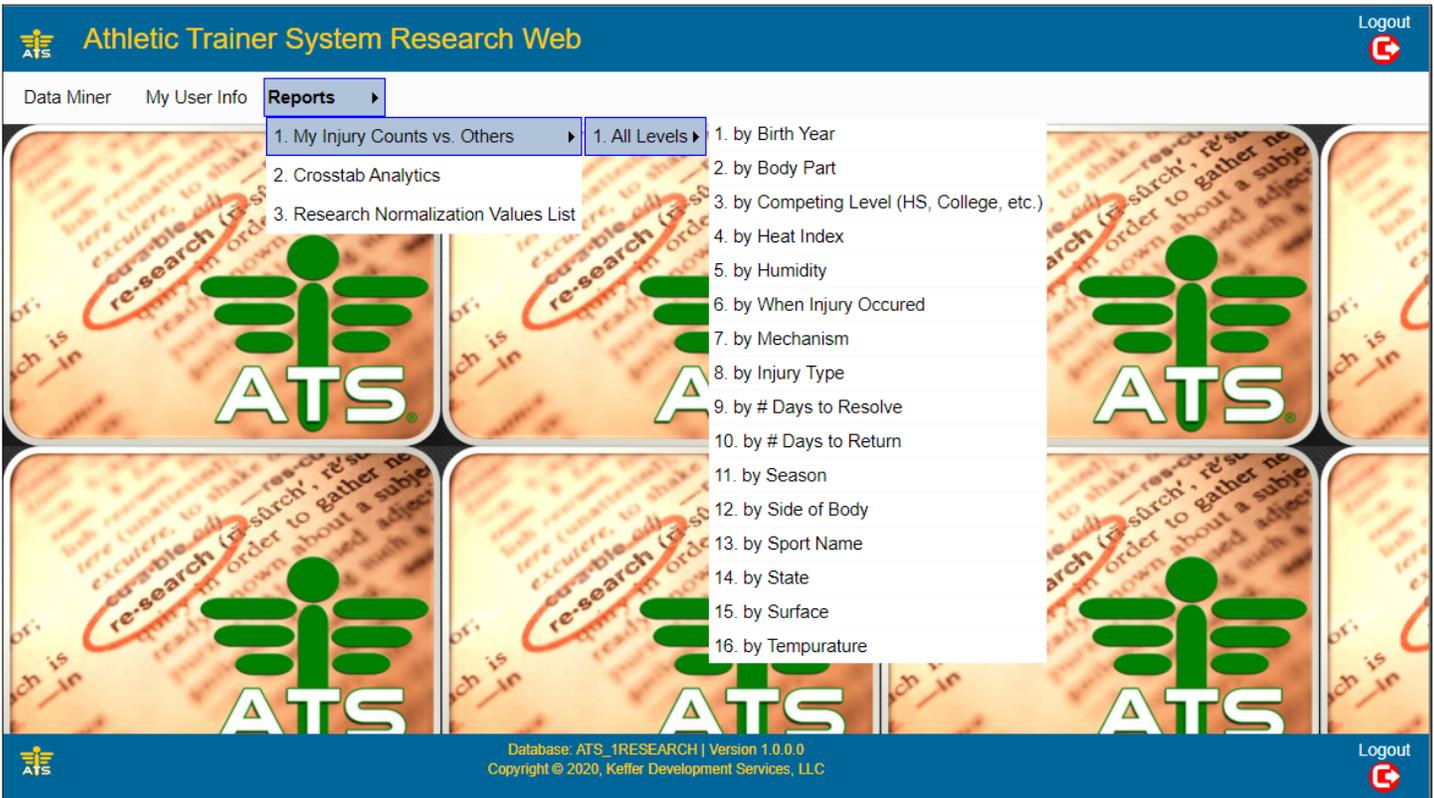
Export Data



*Every ATS Database has a Data Miner in their program. You can access the Data Miner in your own database to look at your information only without having to opt into the Research.

ATS - Research Module

Besides the Data Miner there are also numerous reports you can run from the research module.



To run a report go to reports—> My Injury Counts vs Others—>All Levels—> Then choose the criteria you would like to see the injury data by.

Reports

2. by Body Part

Start Date: End Date:

[View Report](#)

One you choose your criteria select your desired date range and click view report. A report similar to what is shown here will load with a column for your database's data and a column for the others.

1/24/2020
9:28:47AM

ATS Research Module
Body Part Counts Comparison for atsashley vs. Other Data
From 03/01/2019 to 01/24/2020

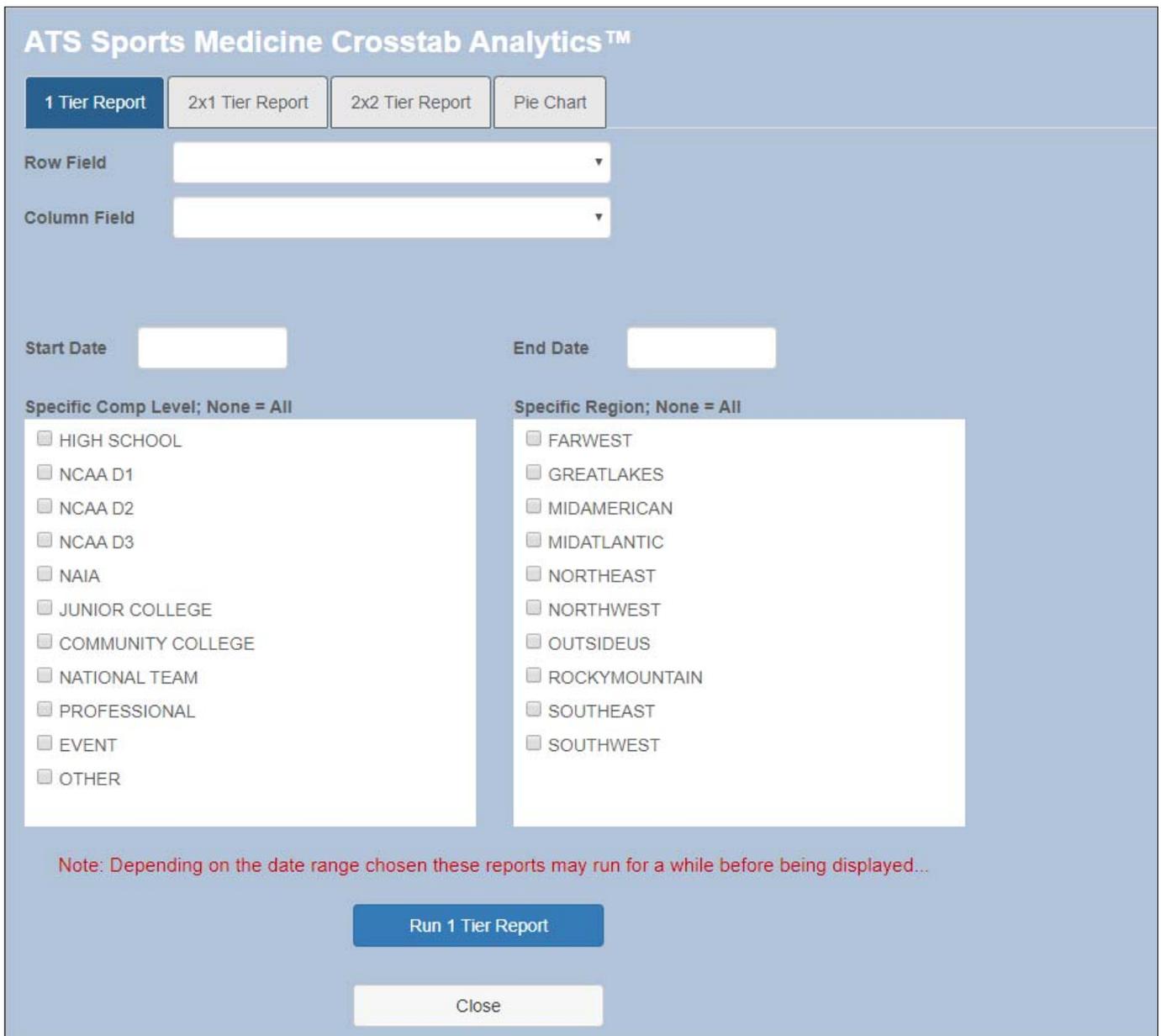
	Yours	Others
ABDOMEN	0	270
AC JOINT	0	19
ACHILLES	0	39
ADDUCTOR	0	7
ADDUCTORS/GROIN	0	100
ANKLE	0	4,176
ANKLE & FOOT	0	88
ANTERIOR CRUCIATE LIGAMENT	0	1
APPENDIX	0	1
ARM	0	225
ARMPIT	0	1
BACK	0	95

ATS - Research Module



The next option in the Report Section is the Crosstab Analytics. Select reports—> Crosstab Analytics.

The Crosstab screen allows you to make several choices in how you would like to view your data and what types of data you would like to compare. You can also narrow down your search by date range, competition level and NATA region.



ATS - Research Module

There first option in the Crosstab Analytics is the 1 Tier Report. Select the 1 Tier tab, choose your data fields for the Row and Columns. Once you have made all your data decisions click run the report. You will receive a prompt when the data is ready click create 1 Tier report to continue. The length of time it takes to generate the report will depend on the amount of data/ date range chosen, so be patient with larger date ranges.

1 Tier Report
2x1 Tier Report
2x2 Tier Report
Pie Chart

Row Field Athlete Age ▼

Column Field Athlete Gender ▼

1 Tier Report Ready to Run
✕

Your report is ready to run. Click on "Create 1 Tier Report" to continue.

Create 1 Tier Report
Close

	Total	FEMALE	MALE	OTHER
Total	5,057	1,469	3,430	158
0.00	12	4	8	0
1.00	15	6	9	0
2.00	4	2	2	0
3.00	4	0	4	0
4.00	5	4	1	0
5.00	1	1	0	0
6.00	3	0	1	2
7.00	1	0	0	1
8.00	4	0	4	0
11.00	2	0	2	0
12.00	5	2	1	2
13.00	20	7	12	1
14.00	387	134	244	9
15.00	1,017	348	646	23
16.00	1,208	368	820	20
17.00	1,215	298	888	29

ATS_Research_xTab.rpt
1/24/2020 11:16:57AM

ATS - Research Module

The second option in the Crosstab Analytics is the 2x1 Tier Report. Follow the same process as the previous option, only now you must select the data set for both Row 1 and Row 2 as well as the Column Field. Choose run the report after all your decisions have been made. Confirm create the report when you receive the prompt. A report similar to the one shown below will load. Again load times will vary depending on the amount of data requested.

1 Tier Report
2x1 Tier Report
2x2 Tier Report
Pie Chart

Row Field 1 ▼

Athlete Year

Row Field 2 ▼

Body Part

Column Field ▼

Injury Type

2x1 Tier Report Ready to Run
×

Your report is ready to run. Click on "Create 2x1 Tier Report" to continue.

Create 2x1 Tier Report
Close

		Total	ABCESS	ABRASION	ALLERGIC REACTION	ANTERIOR TIBIAL STRESS SYNDROME	APOPHYSITIS	APPENDICITIS
Total		5,057	1	23	5	14	6	3
FRESHMAN	Total	694	0	5	1	2	0	1
	ABDOMEN	5	0	0	0	0	0	1
	AC JOINT	1	0	0	0	0	0	0
	ANKLE	99	0	0	0	0	0	0
	ARM	2	0	0	0	0	0	0
	BACK	1	0	0	0	0	0	0
	BACK - LUMBAR	27	0	0	0	0	0	0
	BACK - THORACIC	4	0	0	0	0	0	0
	CHEST	9	0	0	0	0	0	0
	CLAVICLE	1	0	0	0	0	0	0
	DERMATOLOGY	5	0	1	1	0	0	0
	ELBOW	8	0	0	0	0	0	0
	ENVIROMENTAL	5	0	0	0	0	0	0
	FACE	1	0	0	0	0	0	0
	FINGERS	6	0	0	0	0	0	0
FOOT	3	0	0	0	0	0	0	

ATS - Research Module

The third option in the Crosstab Analytics is the 2x2 Tier Report. Follow the same procedures as the other reports, make data choices for both Row 1, Row 2, Column 1 and Column 2. Click run the report when ready, confirm you are ready to create the report when you receive the prompt. Loading times vary depending on the amount of data requested. Once done a report similar to the one shown below will load.

1 Tier Report
2x1 Tier Report
2x2 Tier Report
Pie Chart

Row Field 1

Row Field 2

Column Field 1

Column Field 2

2x2 Tier Report Ready to Run
✕

Your report is ready to run. Click on "Create 2x2 Tier Report" to continue.

Create 2x2 Tier Report
Close

		Total	FRESHMAN					
			Total	ABRASION	ALLERGIC	ANTERIOR	APPENDIC	BLISTER
Total		5,057	694	5	1	2	1	1
0.00	Total	12	6	0	0	0	0	0
	FEMALE	4	3	0	0	0	0	0
	MALE	8	3	0	0	0	0	0
1.00	Total	15	5	0	0	0	0	0
	FEMALE	6	0	0	0	0	0	0
	MALE	9	5	0	0	0	0	0
2.00	Total	4	0	0	0	0	0	0
	FEMALE	2	0	0	0	0	0	0
	MALE	2	0	0	0	0	0	0
3.00	Total	4	0	0	0	0	0	0
	MALE	4	0	0	0	0	0	0
4.00	Total	5	1	0	0	0	0	0
	FEMALE	4	1	0	0	0	0	0
	MALE	1	0	0	0	0	0	0
5.00	Total	1	1	0	0	0	0	0

ATS - Research Module

The final choice in the Crosstab Analytics area is the Pie Chart. This allows you to choose one field of data and see it in Pie Chart Format. The Pie chart will be broken out and a key to the color break down will be included on the right hand side of the report.

1 Tier Report 2x1 Tier Report 2x2 Tier Report **Pie Chart**

Chart Field

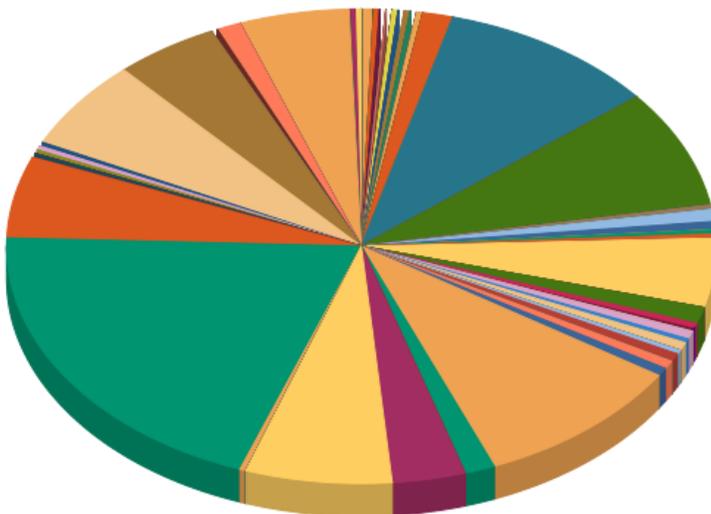
Pie Chart Report Ready to Run ✕

Your report is ready to run. Click on "Create Pie Chart" to continue.

Create Pie Chart Close

1/24/2020
11:50:24AM

ATS Research - Pie Chart from 12/01/2018 to 1/24/2020
Injury Type



ABCESS	1	0.0%
ABRASION	23	0.5%
ALLERGIC REACTION	5	0.1%
ANTERIOR TIBIAL STRESS SYNDROME	14	0.3%
APOPHY SITS	6	0.1%
APPENDICITIS	3	0.1%
ARRHY THMA	2	0.0%
ASTHMA	8	0.2%
AVULSION	4	0.1%
BACTERIAL INFECTION	4	0.1%
BAKERS CYST	2	0.0%
BLISTER	13	0.3%
BONE BRUISE	2	0.0%
BONE SPUR	2	0.0%
BRACHIAL PLEXUS INJURY	7	0.1%
BROKEN	10	0.2%
BRONCHITIS	1	0.0%
BRUISE	8	0.2%
BUNION	3	0.1%
BURSITIS	7	0.1%
CALCIFICATION	2	0.0%
CAPSULAR INJURY	12	0.2%
CARTILAGE INJURY	4	0.1%
CARTILAGE TEAR	63	1.2%
CHONDROMALACIA	8	0.2%
COMPARTMENT SYNDROME	3	0.1%
CONCUSSION	500	9.9%
CONJUNCTIVITIS	2	0.0%
CONTUSION	400	7.9%
CRUSH INJURY	1	0.0%
CYST	1	0.0%
DEHY DRATION	4	0.1%
DENTAL	1	0.0%
DERMA TITIS	1	0.0%
DIABETES	1	0.0%
DISC INJURY	5	0.1%
DISLOCATION	42	0.8%
DYSFUNCTION	29	0.6%
EPICONDY LITIS	11	0.2%
Total:	5,057	100.0%