



ATLANTIC GIRLS HOCKEY FEDERATION **KRACH RATINGS** WEEK ENDING ON FEBRUARY 5TH

WHAT IS IT?

KRACH is a team's won/loss ratio multiplied by strength of schedule

WHY DO WE USE KRACH RATHER THAN POINTS?

1. AGHF teams play an unbalanced schedule
 - a. Teams do not play all the teams in their respective division
 - b. Teams that play a more difficult schedule would be punished in the standings based on points
2. The AGHF offers 2 season structures, full season and partial season.
 - a. Teams in an age division/classification will not play an equal number of games.
 - b. Using KRACH rather than points earned will balance this so teams playing fewer games are fairly measured within their division

DISCLAIMER: KRACH Ratings will fluctuate greatly early in the season. Some of the extreme numbers we expect to normalize as the season progresses.

Number of teams per division who qualify for the playoffs will be determined by December 15th

ATLANTIC GIRLS HOCKEY FEDERATION
KRACH RATINGS
 WEEK ENDING ON FEBRUARY 5TH

10U

SAUGERTIES FILLIES	2099
PRINCETON TIGER LILIES	405
NJ BANDITS	382
NY ISLANDERS	52

12U

PRINCETON TIGER LILIES BLACK	5313
MYHA	1105
THE ST. JAMES	891
LADY ISLANDERS	709
WBS LADY KNIGHTS	488
SAUGERTIES FILLIES	139
NY ISLANDERS	68
NJ BANDITS	35
PRINCETON TIGER LILIES ORANGE	5

14U DIAMOND

PRINCETON TIGER LILIES BLACK	7522
SOUTH PITTSBURGH REBELLION	1143
THE ST. JAMES	270
NJ BANDITS	110
MYHA BLUE	110
STATELINE HAWKS	96
PRINCETON TIGER LILIES ORANGE	67
NY ISLANDERS	66
LADY BULLDOGS	43
LADY ISLANDERS WHITE	25
MYHA GOLD	19

14U PLATINUM

PHILADELPHIA JR FLYERS SAKERS	1696
RESTON RAIDERS	626
MYHA GOLD	335
NEW YORK ISLANDERS	334
NJ BANDITS	90
LEHIGH VALLEY PHANTOMS	49

16U DIAMOND

NJ BANDITS	4141
PRINCETON TIGER LILIES BLACK	1430
PRINCETON TIGER LILIES ORANGE	868
THE ST. JAMES	482
MYHA	344
ROCKETS HOCKEY CLUB	198
PHILADELPHIA JR FLYERS BINNS	57
NY ISLANDERS	54

16U PLATINUM

YORK LADY DEVILS	1840
MARYLAND JR BLACK BEARS	848
LEHIGH VALLEY PHANTOMS	636
NORTH JERSEY LADY KINGS	238
PHILADELPHIA HOCKEY CLUB BELLES	169
RESTON RAIDERS	156
ROCKETS HOCKEY CLUB	35

19U

YORK LADY DEVILS	3227
ROCKETS HOCKEY CLUB BLACK	951
NEW YORK ISLANDERS	672
LEHIGH VALLEY PHANTOMS	397
LADY BULLDOGS	206
PRINCETON TIGER LILIES	70
PHILADELPHIA HOCKEY CLUB BELLES	59
MYHA	50
ROCKETS HOCKEY CLUB WHITE	10



ATLANTIC GIRLS HOCKEY FEDERATION DIVISION STRUCTURE AND PLAYOFF ELIGIBILITY

Intent: The goal of the Atlantic Girls Hockey Federation is to create competitive balance for all of our teams while giving as many teams as possible a chance to play for a championship at the end of the season.

What you should expect:

1. At the beginning of the season, standings will be sorted by number of games played.
2. In Early-December, we will begin sorting the rankings as determined by KRACH ratings.
 - a. Rankings will be updated monthly as determined by KRACH.

KRACH

What is it? - KRACH is short for "Ken's Rating for American College Hockey." Ken is Ken Butler, a statistician, and the mathematical model he used is known as the Bradley-Terry Rating System.

1. The KRACH rating system is an attempt to combine the performance of each team with the strength of the opposition against which that performance was achieved, and to summarize the result as one number, a "rating", for each team. The higher the rating, the better the team.
2. KRACH accounts for strength-of-schedule (SOS) as it ranks the teams.
3. KRACH is calculated purely from the results(win/loss/tie) and does not use goals scored or goal differential like myhockeyrankings.
4. Overtime wins count as wins.

Why we use it rather than points? - KRACH ratings are used instead of traditional points for the following reason:

1. Teams play an unbalanced schedule, teams will not play all the teams in teams' age division
 - a. Teams that play a more difficult schedule would be unfairly punished in the traditional points-based standings
 - b. KRACH does not put greater emphasis on blowing out teams like myhockeyrankings
2. The AGHF offers 2 season structures, full-season and partial season. Teams in an age division/classification will not play an equal number of games
 - a. Using KRACH rather than points earned will allow for fair rankings such that teams playing fewer games are fairly measured within their division