



ATLANTIC GIRLS HOCKEY FEDERATION **KRACH RATINGS** WEEK ENDING ON DECEMBER 11TH

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 DECEMBER 11TH

10U

MYHA	6685
SAUGERTIES FILLIES	1855
PRINCETON TIGER LILIES	655
NJ BANDITS	308
NEW YORK ISLANDERS	75
PHILADELPHIA JR FLYERS	62
THE ST. JAMES	52

12U

PRINCETON TIGER LILIES BLACK	3767
MYHA	1232
LADY ISLANDERS	1057
THE ST. JAMES	806
SAUGERTIES FILLIES	393
WBS LADY KNIGHTS	324
MCU	142
NEW YORK ISLANDERS	67
NJ BANDITS	32
PRINCETON TIGER LILIES ORANGE	17

14U DIAMOND

PRINCETON TIGER LILIES BLACK	7075
SOUTH PITTSBURGH REBELLION	1152
THE ST. JAMES	275
NJ BANDITS	267
MCU	165
MYHA BLUE	126
STATELINE HAWKS	117
NEW YORK ISLANDERS	111
PRINCETON TIGER LILIES ORANGE	74
LADY BULLDOGS	28
LADY ISLANDERS WHITE	26
MYHA GOLD	24

14U PLATINUM

PHILADELPHIA JR FLYERS SAKERS	1615
RESTON RAIDERS	1418
NEW YORK ISLANDERS	471
MYHA	239
NJ BANDITS	108
LEHIGH VALLEY PHANTOMS	85

16U DIAMOND

NJ BANDITS	3979
PRINCETON TIGER LILIES BLACK	1468
THE ST. JAMES	734
PRINCETON TIGER LILIES ORANGE	584
MYHA	417
PHILADELPHIA JR FLYERS BINNS	115
NEW YORK ISLANDERS	104

16U PLATINUM

YORK LADY DEVILS	1060
MARYLAND JR BLACK BEARS	800
LEHIGH VALLEY PHANTOMS	596
NORTH JERSEY LADY KINGS	285
PHILADELPHIA HOCKEY CLUB BELLES	188
RESTON RAIDERS	125
ROCKETS HOCKEY CLUB	34

19U

YORK LADY DEVILS	4264
ROCKETS HOCKEY CLUB BLACK	941
NEW YORK ISLANDERS	607
MCU	389
LEHIGH VALLEY PHANTOMS	335
LADY BULLDOGS	221
PHILADELPHIA HOCKEY CLUB BELLES	85
PHILADELPHIA JR FLYERS CRAWFORD	81
PRINCETON TIGER LILIES	71
MYHA	52
ROCKETS HOCKEY CLUB WHITE	12



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