



TIER 1 HOCKEY FEDERATION

KRACH RATINGS

WEEK ENDING ON DECEMBER 25TH

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. THF 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 THF 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.

1. At the beginning of the season, all teams will be in 1 division for your respective level
2. While there will be no subdivisions (eg. Premier & Elite), teams will be scheduled against teams of a similar level with the intent of making as many games as competitive as possible.
3. At the beginning of the season, standings will be sorted by number of games played.
4. In November, we will begin sorting the rankings as determined by KRACH ratings.
 - a. Rankings will be updated monthly as determined by KRACH.
5. In December, the division may be divided into subdivisions based on KRACH ratings.
 - a. Playoff qualification will be determined by each team's KRACH rating.
 - b. If there are 9 or less teams, a minimum of 4 teams will qualify for for the Playoffs (6 if 10 or more teams)

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10U MAJOR

PAL JR. ISLANDERS	3427	Championship*
CT JR. RANGERS ELITE	2154	Championship*
WOODBRIIDGE WOLFPACK	999	Championship*
JERSEY HITMEN	731	Championship*
REVOLUTION ELITE	565	Championship*
WESTCHESTER EXPRESS	357	Championship*
NY AVIATORS	192	Gold*
MERCER CHIEFS	113	Gold*
UTICA JR. COMETS	61	Gold*
ROCKETS HOCKEY CLUB	57	Gold*
HARTFORD JR. WOLFPACK	11	Gold*

*ALL CHAMPIONSHIP AND TOP 5 GOLD TEAMS QUALIFY FOR PLAYOFFS

12U MAJOR

ROCKETS HOCKEY CLUB	2540	Championship*
CT JR. RANGERS	834	Championship*
ESMARK STARS	833	Championship*
REVOLUTION ELITE	806	Championship*
WOODBRIIDGE WOLFPACK	709	Championship*
CP DYNAMO	673	Championship*
JERSEY HITMEN	501	Gold*
TEAM MARYLAND	317	Gold*
NY AVIATORS	253	Gold*
HARTFORD JR. WOLFPACK	238	Gold*
UTICA JR. COMETS	173	Gold
PAL JR. ISLANDERS	157	Gold
PHILADELPHIA FLYERS ELITE	117	Gold
WESTCHESTER EXPRESS	89	Gold
MERCER CHIEFS	75	Gold

*ALL CHAMPIONSHIP AND TOP 4 GOLD TEAMS QUALIFY FOR PLAYOFFS

14U MAJOR

ROCKETS HOCKEY CLUB	1732	Championship*
HARTFORD JR. WOLFPACK JOSH	1423	Championship*
PAL JR. ISLANDERS	1226	Championship*
NY AVIATORS	891	Championship*
MERCER CHIEFS PREMIER	584	Championship*
PHILADELPHIA FLYERS ELITE	532	Championship*
JERSEY HITMEN	459	Gold*
REVOLUTION ELITE	400	Gold*
UTICA JR. COMETS	395	Gold*
NEW JERSEY JETS	276	Gold*
ESMARK STARS	222	Gold
TEAM MARYLAND	212	Gold
CT JR. RANGERS ELITE	209	Gold
HARTFORD JR. WOLFPACK INDEPENDENT	202	Gold
CP DYNAMO	182	Gold
WESTCHESTER EXPRESS NOLAN	162	Gold
WESTCHESTER EXPRESS THORNTON	115	Gold
MERCER CHIEFS ELITE	55	Gold

*ALL CHAMPIONSHIP AND TOP 4 GOLD TEAMS QUALIFY FOR PLAYOFFS

10U MINOR

JERSEY HITMEN	2256	Championship*
WOODBRIIDGE WOLFPACK	2125	Championship*
REVOLUTION ELITE	718	Championship*
ROCKETS HOCKEY CLUB	667	Championship*
WESTCHESTER EXPRESS	588	Championship*
UTICA JR. COMETS	332	Championship*
CP DYNAMO	233	Gold*
NY AVIATORS	166	Gold*
PAL JR. ISLANDERS	102	Gold*
CT JR. RANGERS	74	Gold*
HARTFORD JR. WOLFPACK	16	Gold*

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12U MINOR

MERCER CHIEFS	3707	Championship*
WOODBRIIDGE WOLFPACK	970	Championship*
UTICA JR. COMETS	918	Championship*
CT JR. RANGERS ELITE	776	Championship*
PAL JR. ISLANDERS	631	Championship*
JERSEY HITMEN	529	Championship*
NEW JERSEY JETS	503	Gold*
NY AVIATORS	256	Gold*
CP DYNAMO	177	Gold*
TEAM MARYLAND	88	Gold*
ESMARK STARS	74	Gold
WESTCHESTER EXPRESS	70	Gold
REVOLUTION ELITE	12	Gold
HARTFORD JR. WOLFPACK	6	Gold

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14U MINOR

PAL JR. ISLANDERS	3078	Championship*
ROCKETS HOCKEY CLUB	1193	Championship*
CP DYNAMO	1151	Championship*
CT JR. RANGERS ELITE	887	Championship*
WESTCHESTER EXPRESS	773	Championship*
TEAM MARYLAND	631	Championship*
NY AVIATORS	397	Gold*
HARTFORD JR. WOLFPACK ELITE	377	Gold*
ESMARK STARS	199	Gold*
REVOLUTION ELITE	168	Gold*
UTICA JR. COMETS	120	Gold
MERCER CHIEFS	120	Gold
WOODBRIIDGE WOLFPACK	70	Gold
JERSEY HITMEN	35	Gold
HARTFORD JR. WOLFPACK RED	6	Gold

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15U PURE

ESMARK STARS	1947	Championship*
ROCKETS HOCKEY CLUB	1622	Championship*
ROCKETS HOCKEY CLUB ELITE	1098	Championship*
NEW JERSEY JETS	1049	Championship*
PHILADELPHIA FLYERS ELITE	674	Championship*
TEAM MARYLAND	673	Championship*
JERSEY HITMEN	655	Gold*
REVOLUTION ELITE	631	Gold*
MERCER CHIEFS	322	Gold*
NY AVIATORS	298	Gold*
PAL JR. ISLANDERS	238	Gold
WESTCHESTER EXPRESS	147	Gold
WOODBIDGE WOLFPACK	107	Gold
ATLANTIC COAST ACADEMY	75	Gold
UTICA JR. COMETS	68	Gold
CT JR. RANGERS	36	Gold

16U

ROCKETS HOCKEY CLUB	4839	Championship*
REVOLUTION ELITE	966	Championship*
ATLANTIC COAST ACADEMY 16U	715	Championship*
JERSEY HITMEN	650	Championship*
ESMARK STARS	551	Championship*
PAL JR. ISLANDERS	527	Championship*
WESTCHESTER EXPRESS	389	Gold*
CP DYNAMO	221	Gold*
MERCER CHIEFS PREMIER	167	Gold*
SKIPJACKS HOCKEY ACADEMY	153	Gold*
ROCKETS HOCKEY CLUB ELITE	127	Gold
NY AVIATORS	116	Gold
POTOMAC PATRIOTS	97	Gold
NEW JERSEY JETS	94	Gold
TEAM MARYLAND	93	Gold
CT JR. RANGERS PREMIER	71	Gold
MERCER CHIEFS ELITE	22	Gold
CT JR. RANGERS ELITE	4	Gold

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18U

ESMARK STARS	1826	Championship*
ROCKETS HOCKEY CLUB	1319	Championship*
JERSEY HITMEN	892	Championship*
MERCER CHIEFS PREMIER	875	Championship*
PAL JR. ISLANDERS	773	Championship*
NY AVIATORS	649	Championship*
SKIPJACKS HOCKEY ACADEMY	592	Gold*
PHILADELPHIA FLYERS ELITE PREP	469	Gold*
TEAM MARYLAND	460	Gold*
ROCKETS HOCKEY CLUB ELITE	342	Gold*
NJ 875	340	Gold
WESTCHESTER EXPRESS	266	Gold
PHILADELPHIA FLYERS ELITE	257	Gold
CP DYNAMO	212	Gold
UTICA JR. COMETS	122	Gold
MERCER CHIEFS ELITE	100	Gold

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TIER 1 HOCKEY FEDERATION

DIVISION STRUCTURE AND PLAYOFF ELIGIBILITY

Intent: The goal of the Tier 1 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, all teams will be in 1 division for your respective level
2. While there will be no subdivisions (eg. Premier & Elite), teams will be scheduled against teams of a similar level with the intent of making as many games as competitive as possible.
3. At the beginning of the season, standings will be sorted by number of games played.
4. In November, we will begin sorting the rankings as determined by KRACH ratings.
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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 THF 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

FAQs:

1. **Why not offer subdivisions from the beginning?** - Simply put, THF lets the on-ice performance determine the subdivisions. We do not want to pre-determine divisions before the season starts.
2. **How will the schedule be determined if I am not playing every team?** - Teams' scheduling matrix is determined by 4 factors:
 - a. Historical National Rankings
 - b. Geography
 - c. Organizational assessment of team's competitive level
 - d. Parity Results and advanced analytics of performance