



TIER 1 HOCKEY FEDERATION

KRACH RATINGS

WEEK ENDING ON JANUARY 15TH

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)

TIER 1 HOCKEY FEDERATION
KRACH RATINGS
 WEEK ENDING ON JANUARY 15TH

10U MAJOR

PAL JR. ISLANDERS	3631	Super 6*
CT JR. RANGERS ELITE	2212	Super 6*
WOODBRIIDGE WOLFPACK	929	Super 6*
JERSEY HITMEN	697	Super 6*
REVOLUTION ELITE	524	Super 6*
WESTCHESTER EXPRESS	358	Super 6*
NY AVIATORS	173	Frozen 4*
MERCER CHIEFS	103	Frozen 4*
ROCKETS HOCKEY CLUB	46	Frozen 4*
UTICA JR. COMETS	45	Frozen 4*

*ALL SUPER 6 AND FROZEN 4 QUALIFY FOR PLAYOFFS

10U MINOR

JERSEY HITMEN	3058	Super 6*
WOODBRIIDGE WOLFPACK	1852	Super 6*
UTICA JR. COMETS	784	Super 6*
REVOLUTION ELITE	618	Super 6*
ROCKETS HOCKEY CLUB	429	Super 6*
WESTCHESTER EXPRESS	368	Super 6*
CP DYNAMO	215	Frozen 4*
NY AVIATORS	133	Frozen 4*
PAL JR. ISLANDERS	91	Frozen 4*
CT JR. RANGERS	49	Frozen 4*

*ALL SUPER 6 AND FROZEN 4 QUALIFY FOR PLAYOFFS

12U MAJOR

ROCKETS HOCKEY CLUB	1335	Super 6*
REVOLUTION ELITE	1018	Super 6*
ESMARK STARS	848	Super 6*
WOODBRIIDGE WOLFPACK	755	Super 6*
CT JR. RANGERS	637	Super 6*
JERSEY HITMEN	600	Super 6*
CP DYNAMO	421	Frozen 4*
TEAM MARYLAND	316	Frozen 4*
HARTFORD JR. WOLFPACK	288	Frozen 4*
NY AVIATORS	189	Frozen 4*
UTICA JR. COMETS	168	Frozen 4
PAL JR. ISLANDERS	135	Frozen 4
PHILADELPHIA FLYERS ELITE	101	Frozen 4
WESTCHESTER EXPRESS	85	Frozen 4
MERCER CHIEFS	56	Frozen 4

*ALL SUPER 6 AND TOP 4 FROZEN 4 QUALIFY FOR PLAYOFFS

12U MINOR

MERCER CHIEFS	3329	Super 6*
WOODBRIIDGE WOLFPACK	1254	Super 6*
UTICA JR. COMETS	838	Super 6*
CT JR. RANGERS ELITE	814	Super 6*
PAL JR. ISLANDERS	583	Super 6*
JERSEY HITMEN	537	Super 6*
NEW JERSEY JETS	489	Frozen 4*
NY AVIATORS	257	Frozen 4*
CP DYNAMO	169	Frozen 4*
TEAM MARYLAND	84	Frozen 4*
ESMARK STARS	74	Frozen 4
WESTCHESTER EXPRESS	71	Frozen 4
REVOLUTION ELITE	11	Frozen 4

*ALL SUPER 6 AND TOP 4 FROZEN 4 QUALIFY FOR PLAYOFFS

14U MAJOR

ROCKETS HOCKEY CLUB	1722	Super 6*
PAL JR. ISLANDERS	1251	Super 6*
MERCER CHIEFS PREMIER	601	Super 6*
NY AVIATORS	561	Super 6*
PHILADELPHIA FLYERS ELITE	527	Super 6*
REVOLUTION ELITE	488	Super 6*
JERSEY HITMEN	458	Frozen 4*
UTICA JR. COMETS	334	Frozen 4*
TEAM MARYLAND	282	Frozen 4*
ESMARK STARS	237	Frozen 4*
NEW JERSEY JETS	227	Frozen 4
CP DYNAMO	181	Frozen 4
WESTCHESTER EXPRESS NOLAN	178	Frozen 4
CT JR. RANGERS ELITE	160	Frozen 4
WESTCHESTER EXPRESS THORNTON	111	Frozen 4
MERCER CHIEFS ELITE	40	Frozen 4

*ALL SUPER 6 AND TOP 4 FROZEN 4 QUALIFY FOR PLAYOFFS

14U MINOR

PAL JR. ISLANDERS	3275	Super 6*
ROCKETS HOCKEY CLUB	1306	Super 6*
CP DYNAMO	826	Super 6*
CT JR. RANGERS ELITE	822	Super 6*
WESTCHESTER EXPRESS	647	Super 6*
TEAM MARYLAND	629	Super 6*
NY AVIATORS	266	Frozen 4*
ESMARK STARS	186	Frozen 4*
REVOLUTION ELITE	162	Frozen 4*
UTICA JR. COMETS	141	Frozen 4*
MERCER CHIEFS	101	Frozen 4
WOODBRIIDGE WOLFPACK	67	Frozen 4
JERSEY HITMEN	38	Frozen 4

*ALL SUPER 6 AND TOP 4 FROZEN 4 QUALIFY FOR PLAYOFFS

TIER 1 HOCKEY FEDERATION
KRACH RATINGS
 WEEK ENDING ON JANUARY 15TH

15U PURE

ROCKETS HOCKEY CLUB	1691	Super 6*
PHILADELPHIA FLYERS ELITE	1228	Super 6*
ROCKETS HOCKEY CLUB ELITE	1150	Super 6*
ESMARK STARS	1108	Super 6*
REVOLUTION ELITE	745	Super 6*
TEAM MARYLAND	716	Super 6*
NEW JERSEY JETS	657	Frozen 4*
JERSEY HITMEN	510	Frozen 4*
MERCER CHIEFS	380	Frozen 4*
NY AVIATORS	251	Frozen 4*
PAL JR. ISLANDERS	241	Frozen 4
WESTCHESTER EXPRESS	157	Frozen 4
WOODBRIIDGE WOLFPACK	146	Frozen 4
ATLANTIC COAST ACADEMY	92	Frozen 4
UTICA JR. COMETS	35	Frozen 4
CT JR. RANGERS	29	Frozen 4

*ALL SUPER 6 AND TOP 4 FROZEN 4 QUALIFY FOR PLAYOFFS

16U

ROCKETS HOCKEY CLUB	4733	Super 6*
REVOLUTION ELITE	891	Super 6*
ATLANTIC COAST ACADEMY 16U	791	Super 6*
JERSEY HITMEN	692	Super 6*
PAL JR. ISLANDERS	524	Super 6*
ESMARK STARS	517	Super 6*
WESTCHESTER EXPRESS	381	Frozen 4*
CP DYNAMO	242	Frozen 4*
SKIPJACKS HOCKEY ACADEMY	133	Frozen 4*
MERCER CHIEFS PREMIER	129	Frozen 4*
ROCKETS HOCKEY CLUB ELITE	106	Frozen 4
POTOMAC PATRIOTS	96	Frozen 4
NY AVIATORS	84	Frozen 4
NEW JERSEY JETS	83	Frozen 4
TEAM MARYLAND	83	Frozen 4
CT JR. RANGERS PREMIER	48	Frozen 4
MERCER CHIEFS ELITE	15	Frozen 4
CT JR. RANGERS ELITE	3	Frozen 4

*ALL SUPER 6 AND TOP 4 FROZEN 4 QUALIFY FOR PLAYOFFS

18U

ESMARK STARS	1508	Super 6*
ROCKETS HOCKEY CLUB	1318	Super 6*
JERSEY HITMEN	929	Super 6*
MERCER CHIEFS PREMIER	903	Super 6*
PAL JR. ISLANDERS	838	Super 6*
NY AVIATORS	795	Super 6*
SKIPJACKS HOCKEY ACADEMY	576	Frozen 4*
TEAM MARYLAND	544	Frozen 4*
PHILADELPHIA FLYERS ELITE PREP	521	Frozen 4*
ROCKETS HOCKEY CLUB ELITE	353	Frozen 4*
NJ 875	313	Frozen 4
WESTCHESTER EXPRESS	245	Frozen 4
PHILADELPHIA FLYERS ELITE	237	Frozen 4
CP DYNAMO	207	Frozen 4
UTICA JR. COMETS	110	Frozen 4
MERCER CHIEFS ELITE	90	Frozen 4

*ALL SUPER 6 AND TOP 4 FROZEN 4 QUALIFY FOR PLAYOFFS



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.
 - 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)

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