



TIER 1 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. 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 FEBRUARY 5TH

10U MAJOR

PAL JR. ISLANDERS	2709	Super 6*
CT JR. RANGERS ELITE	1728	Super 6*
JERSEY HITMEN	1110	Super 6*
WOODBIDGE WOLFPACK	1102	Super 6*
REVOLUTION ELITE	601	Super 6*
WESTCHESTER EXPRESS	570	Super 6*
NY AVIATORS	276	Frozen 4*
MERCER CHIEFS	162	Frozen 4*
UTICA JR. COMETS	94	Frozen 4*
ROCKETS HOCKEY CLUB	70	Frozen 4*

*ALL SUPER 6 AND FROZEN 4 QUALIFY FOR PLAYOFFS

10U MINOR

JERSEY HITMEN	2850	Super 6*
WOODBIDGE WOLFPACK	1208	Super 6*
UTICA JR. COMETS	898	Super 6*
REVOLUTION ELITE	331	Super 6*
ROCKETS HOCKEY CLUB	245	Super 6*
WESTCHESTER EXPRESS	244	Super 6*
CP DYNAMO	238	Frozen 4*
NY AVIATORS	98	Frozen 4*
CT JR. RANGERS	63	Frozen 4*
PAL JR. ISLANDERS	46	Frozen 4*

*ALL SUPER 6 AND FROZEN 4 QUALIFY FOR PLAYOFFS

12U MAJOR

ROCKETS HOCKEY CLUB	2276	Super 6*
REVOLUTION ELITE	773	Super 6*
CT JR. RANGERS	627	Super 6*
WOODBIDGE WOLFPACK	609	Super 6*
CP DYNAMO	583	Super 6*
ESMARK STARS	528	Super 6*
JERSEY HITMEN	430	Frozen 4*
HARTFORD JR. WOLFPACK	386	Frozen 4*
TEAM MARYLAND	264	Frozen 4*
UTICA JR. COMETS	194	Frozen 4*
NY AVIATORS	134	Frozen 4
PAL JR. ISLANDERS	110	Frozen 4
WESTCHESTER EXPRESS	45	Frozen 4
PHILADELPHIA FLYERS ELITE	44	Frozen 4
MERCER CHIEFS	36	Frozen 4

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

12U MINOR

MERCER CHIEFS	3142	Super 6*
WOODBIDGE WOLFPACK	1699	Super 6*
PAL JR. ISLANDERS	696	Super 6*
CT JR. RANGERS ELITE	666	Super 6*
UTICA JR. COMETS	647	Super 6*
JERSEY HITMEN	454	Super 6*
NEW JERSEY JETS	417	Frozen 4*
CP DYNAMO	201	Frozen 4*
NY AVIATORS	119	Frozen 4*
TEAM MARYLAND	93	Frozen 4*
ESMARK STARS	70	Frozen 4
WESTCHESTER EXPRESS	42	Frozen 4
REVOLUTION ELITE	6	Frozen 4

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

14U MAJOR

ROCKETS HOCKEY CLUB	3416	Super 6*
PAL JR. ISLANDERS	1218	Super 6*
PHILADELPHIA FLYERS ELITE	354	Super 6*
MERCER CHIEFS PREMIER	344	Super 6*
NY AVIATORS	339	Super 6*
UTICA JR. COMETS	327	Super 6*
JERSEY HITMEN	304	Frozen 4*
REVOLUTION ELITE	286	Frozen 4*
NEW JERSEY JETS	283	Frozen 4*
ESMARK STARS	177	Frozen 4*
TEAM MARYLAND	156	Frozen 4
WESTCHESTER EXPRESS NOLAN	108	Frozen 4
CT JR. RANGERS ELITE	100	Frozen 4
WESTCHESTER EXPRESS THORNTON	41	Frozen 4
MERCER CHIEFS ELITE	29	Frozen 4

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

14U MINOR

PAL JR. ISLANDERS	3760	Super 6*
ROCKETS HOCKEY CLUB	1239	Super 6*
CT JR. RANGERS ELITE	999	Super 6*
CP DYNAMO	946	Super 6*
WESTCHESTER EXPRESS	590	Super 6*
TEAM MARYLAND	585	Super 6*
NY AVIATORS	173	Frozen 4*
REVOLUTION ELITE	112	Frozen 4*
MERCER CHIEFS	89	Frozen 4*
UTICA JR. COMETS	76	Frozen 4*
WOODBIDGE WOLFPACK	49	Frozen 4
JERSEY HITMEN	20	Frozen 4

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

*Changes in KRACH ratings this week are due to the removal of all games played by CT Jr Rangers T1 as the team withdrew from the league

TIER 1 HOCKEY FEDERATION

KRACH RATINGS

WEEK ENDING ON FEBRUARY 5TH

15U PURE

ROCKETS HOCKEY CLUB	1900	Super 6*
PHILADELPHIA FLYERS ELITE	1350	Super 6*
ESMARK STARS	1287	Super 6*
TEAM MARYLAND	832	Super 6*
ROCKETS HOCKEY CLUB ELITE	739	Super 6*
REVOLUTION ELITE	650	Super 6*
JERSEY HITMEN	557	Frozen 4*
NEW JERSEY JETS	509	Frozen 4*
MERCER CHIEFS	501	Frozen 4*
PAL JR. ISLANDERS	238	Frozen 4*
NY AVIATORS	214	Frozen 4
WESTCHESTER EXPRESS	195	Frozen 4
WOODBRIIDGE WOLFPACK	108	Frozen 4
ATLANTIC COAST ACADEMY	46	Frozen 4
UTICA JR. COMETS	31	Frozen 4
CT JR. RANGERS	30	Frozen 4

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

16U

REVOLUTION ELITE	934	Super 6*
JERSEY HITMEN	868	Super 6*
ATLANTIC COAST ACADEMY 16U	642	Super 6*
ESMARK STARS	582	Super 6*
PAL JR. ISLANDERS	580	Super 6*
WESTCHESTER EXPRESS	259	Super 6*
CP DYNAMO	225	Frozen 4*
MERCER CHIEFS PREMIER	128	Frozen 4*
SKIPJACKS HOCKEY ACADEMY	128	Frozen 4*
POTOMAC PATRIOTS	71	Frozen 4*
NY AVIATORS	65	Frozen 4
ROCKETS HOCKEY CLUB ELITE	57	Frozen 4
CT JR. RANGERS PREMIER	44	Frozen 4
NEW JERSEY JETS	40	Frozen 4
TEAM MARYLAND	24	Frozen 4
MERCER CHIEFS ELITE	20	Frozen 4
CT JR. RANGERS ELITE	3	Frozen 4

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

18U

ESMARK STARS	2713	Super 6*
ROCKETS HOCKEY CLUB	1496	Super 6*
MERCER CHIEFS PREMIER	888	Super 6*
JERSEY HITMEN	857	Super 6*
PAL JR. ISLANDERS	735	Super 6*
TEAM MARYLAND	677	Super 6*
NY AVIATORS	408	Frozen 4*
WESTCHESTER EXPRESS	356	Frozen 4*
SKIPJACKS HOCKEY ACADEMY	296	Frozen 4*
NJ 875	264	Frozen 4*
PHILADELPHIA FLYERS ELITE PREP	237	Frozen 4
CP DYNAMO	227	Frozen 4
PHILADELPHIA FLYERS ELITE	224	Frozen 4
ROCKETS HOCKEY CLUB ELITE	129	Frozen 4
UTICA JR. COMETS	73	Frozen 4
MERCER CHIEFS ELITE	53	Frozen 4

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

*Changes in KRACH ratings this week are due to the removal of all games played by CT Jr Rangers as the team withdrew from the league

TIER 1 HOCKEY FEDERATION WEST

KRACH RATINGS

WEEK ENDING ON FEBRUARY 5TH

14U

WASATCH RENEGADES	551
NORTHWEST STARS	332
ONTARIO JR REIGN	313

15U

VEGAS JR. GOLDEN KNIGHTS	2589
COLORADO SPRINGS TIGERS	926
NORTHWEST STARS	560
ST. FRANCIS AAA (RED RAIDERS)	194
ONTARIO JR REIGN	72

16U

GOLDEN STATE ELITE	2138
COLORADO SPRINGS TIGERS	937
VEGAS JR. GOLDEN KNIGHTS	513
NORTHWEST STARS	414
WASATCH RENEGADES	336
ONTARIO JR. REIGN	111
TAHOE HOCKEY ACADEMY	82

18U

COLORADO SPRINGS TIGERS	1189
NORTHWEST STARS	841
ST. FRANCIS AAA (RED RAIDERS)	360
TAHOE HOCKEY ACADEMY	281
ONTARIO JR. REIGN	118
VEGAS JR. GOLDEN KNIGHTS	53



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