



# TIER 1 HOCKEY FEDERATION **KRACH RATINGS** WEEK ENDING ON JANUARY 22ND

## **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 22ND

### 10U MAJOR

<b>PAL JR. ISLANDERS</b>	2797	Super 6*
<b>CT JR. RANGERS ELITE</b>	2316	Super 6*
<b>WOODBIDGE WOLFPACK</b>	1229	Super 6*
<b>JERSEY HITMEN</b>	771	Super 6*
<b>REVOLUTION ELITE</b>	587	Super 6*
<b>WESTCHESTER EXPRESS</b>	395	Super 6*
<b>NY AVIATORS</b>	177	Frozen 4*
<b>MERCER CHIEFS</b>	123	Frozen 4*
<b>UTICA JR. COMETS</b>	66	Frozen 4*
<b>ROCKETS HOCKEY CLUB</b>	47	Frozen 4*

\*ALL SUPER 6 AND FROZEN 4 QUALIFY FOR PLAYOFFS

### 10U MINOR

<b>JERSEY HITMEN</b>	3011	Super 6*
<b>WOODBIDGE WOLFPACK</b>	1823	Super 6*
<b>UTICA JR. COMETS</b>	927	Super 6*
<b>REVOLUTION ELITE</b>	609	Super 6*
<b>ROCKETS HOCKEY CLUB</b>	421	Super 6*
<b>WESTCHESTER EXPRESS</b>	357	Super 6*
<b>CP DYNAMO</b>	216	Frozen 4*
<b>NY AVIATORS</b>	131	Frozen 4*
<b>PAL JR. ISLANDERS</b>	85	Frozen 4*
<b>CT JR. RANGERS</b>	47	Frozen 4*

\*ALL SUPER 6 AND FROZEN 4 QUALIFY FOR PLAYOFFS

### 12U MAJOR

<b>ROCKETS HOCKEY CLUB</b>	1380	Super 6*
<b>REVOLUTION ELITE</b>	1128	Super 6*
<b>WOODBIDGE WOLFPACK</b>	761	Super 6*
<b>CT JR. RANGERS</b>	659	Super 6*
<b>JERSEY HITMEN</b>	606	Super 6*
<b>ESMARK STARS</b>	500	Super 6*
<b>CP DYNAMO</b>	402	Frozen 4*
<b>TEAM MARYLAND</b>	366	Frozen 4*
<b>HARTFORD JR. WOLFPACK</b>	275	Frozen 4*
<b>UTICA JR. COMETS</b>	207	Frozen 4*
<b>NY AVIATORS</b>	172	Frozen 4
<b>PAL JR. ISLANDERS</b>	152	Frozen 4
<b>PHILADELPHIA FLYERS ELITE</b>	96	Frozen 4
<b>WESTCHESTER EXPRESS</b>	84	Frozen 4
<b>MERCER CHIEFS</b>	52	Frozen 4

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

### 12U MINOR

<b>MERCER CHIEFS</b>	3338	Super 6*
<b>WOODBIDGE WOLFPACK</b>	1403	Super 6*
<b>CT JR. RANGERS ELITE</b>	884	Super 6*
<b>UTICA JR. COMETS</b>	746	Super 6*
<b>PAL JR. ISLANDERS</b>	559	Super 6*
<b>JERSEY HITMEN</b>	473	Super 6*
<b>NEW JERSEY JETS</b>	461	Frozen 4*
<b>NY AVIATORS</b>	214	Frozen 4*
<b>CP DYNAMO</b>	177	Frozen 4*
<b>TEAM MARYLAND</b>	76	Frozen 4*
<b>ESMARK STARS</b>	70	Frozen 4
<b>WESTCHESTER EXPRESS</b>	62	Frozen 4
<b>REVOLUTION ELITE</b>	9	Frozen 4

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

### 14U MAJOR

<b>ROCKETS HOCKEY CLUB</b>	1965	Super 6*
<b>PAL JR. ISLANDERS</b>	1531	Super 6*
<b>MERCER CHIEFS PREMIER</b>	572	Super 6*
<b>NY AVIATORS</b>	538	Super 6*
<b>JERSEY HITMEN</b>	482	Super 6*
<b>REVOLUTION ELITE</b>	432	Super 6*
<b>PHILADELPHIA FLYERS ELITE</b>	409	Frozen 4*
<b>UTICA JR. COMETS</b>	341	Frozen 4*
<b>TEAM MARYLAND</b>	290	Frozen 4*
<b>NEW JERSEY JETS</b>	285	Frozen 4*
<b>WESTCHESTER EXPRESS NOLAN</b>	257	Frozen 4
<b>ESMARK STARS</b>	242	Frozen 4
<b>CT JR. RANGERS ELITE</b>	180	Frozen 4
<b>CP DYNAMO</b>	174	Frozen 4
<b>WESTCHESTER EXPRESS THORNTON</b>	85	Frozen 4
<b>MERCER CHIEFS ELITE</b>	39	Frozen 4

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

### 14U MINOR

<b>PAL JR. ISLANDERS</b>	3326	Super 6*
<b>ROCKETS HOCKEY CLUB</b>	1267	Super 6*
<b>CT JR. RANGERS ELITE</b>	965	Super 6*
<b>CP DYNAMO</b>	859	Super 6*
<b>WESTCHESTER EXPRESS</b>	669	Super 6*
<b>TEAM MARYLAND</b>	498	Super 6*
<b>NY AVIATORS</b>	275	Frozen 4*
<b>ESMARK STARS</b>	175	Frozen 4*
<b>REVOLUTION ELITE</b>	153	Frozen 4*
<b>UTICA JR. COMETS</b>	138	Frozen 4*
<b>MERCER CHIEFS</b>	100	Frozen 4
<b>WOODBIDGE WOLFPACK</b>	68	Frozen 4
<b>JERSEY HITMEN</b>	35	Frozen 4

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# TIER 1 HOCKEY FEDERATION

# KRACH RATINGS

## WEEK ENDING ON JANUARY 22ND

### 15U PURE

ROCKETS HOCKEY CLUB	1823	Super 6*
PHILADELPHIA FLYERS ELITE	1331	Super 6*
ESMARK STARS	1225	Super 6*
ROCKETS HOCKEY CLUB ELITE	1031	Super 6*
TEAM MARYLAND	768	Super 6*
REVOLUTION ELITE	710	Super 6*
JERSEY HITMEN	509	Frozen 4*
MERCER CHIEFS	496	Frozen 4*
NEW JERSEY JETS	484	Frozen 4*
PAL JR. ISLANDERS	274	Frozen 4*
NY AVIATORS	187	Frozen 4
WESTCHESTER EXPRESS	172	Frozen 4
WOODBIDGE WOLFPACK	92	Frozen 4
ATLANTIC COAST ACADEMY	74	Frozen 4
UTICA JR. COMETS	23	Frozen 4
CT JR. RANGERS	21	Frozen 4

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### 16U

ROCKETS HOCKEY CLUB	4763	Super 6*
REVOLUTION ELITE	877	Super 6*
ATLANTIC COAST ACADEMY 16U	767	Super 6*
JERSEY HITMEN	695	Super 6*
PAL JR. ISLANDERS	531	Super 6*
ESMARK STARS	520	Super 6*
WESTCHESTER EXPRESS	384	Frozen 4*
CP DYNAMO	246	Frozen 4*
MERCER CHIEFS PREMIER	130	Frozen 4*
SKIPJACKS HOCKEY ACADEMY	129	Frozen 4*
ROCKETS HOCKEY CLUB ELITE	100	Frozen 4
POTOMAC PATRIOTS	89	Frozen 4
TEAM MARYLAND	83	Frozen 4
NY AVIATORS	83	Frozen 4
NEW JERSEY JETS	81	Frozen 4
CT JR. RANGERS PREMIER	52	Frozen 4
MERCER CHIEFS ELITE	16	Frozen 4
CT JR. RANGERS ELITE	3	Frozen 4

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

### 18U

ESMARK STARS	1986	Super 6*
ROCKETS HOCKEY CLUB	1346	Super 6*
JERSEY HITMEN	933	Super 6*
PAL JR. ISLANDERS	783	Super 6*
MERCER CHIEFS PREMIER	772	Super 6*
NY AVIATORS	757	Super 6*
TEAM MARYLAND	554	Frozen 4*
SKIPJACKS HOCKEY ACADEMY	536	Frozen 4*
PHILADELPHIA FLYERS ELITE PREP	417	Frozen 4*
NJ 875	315	Frozen 4*
ROCKETS HOCKEY CLUB ELITE	295	Frozen 4
WESTCHESTER EXPRESS	230	Frozen 4
PHILADELPHIA FLYERS ELITE	230	Frozen 4
CP DYNAMO	198	Frozen 4
UTICA JR. COMETS	98	Frozen 4
MERCER CHIEFS ELITE	76	Frozen 4

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TIER 1 HOCKEY FEDERATION WEST  
**KRACH RATINGS**  
WEEK ENDING ON JANUARY 22ND

**14U**

<b>WASATCH RENEGADES</b>	551
<b>NORTHWEST STARS</b>	332
<b>ONTARIO JR REIGN</b>	313

**15U**

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

**16U**

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

**18U**

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