



# ERVA Team Ranking Guidelines with Strength of Field Multipliers for Tournaments

Rankings for junior girl's teams are calculated using the following methods. These methods apply to the following categories of USAV sanctioned volleyball tournaments: USAV JUNIOR NATIONAL QUALIFIERS AND ALL USAV EVERGREEN REGION TOURNAMENTS.

## Team Ranking Formula with Strength of Tournament Multipliers

Tournaments will be assigned a Tier (1, 2 or 3) by the ERVA Junior Division based on the previous season's participants. 16 teams will be used to determine the Tier (tournaments will fewer than 16 teams the entire field will be used). The Tier reflects the relative strength of the tournament relative to other ERVA sanctioned tournaments with Tier 1 being the strongest Tier and Tier 3 the weakest.

The average rank is determined by adding all the tournament teams' current rank and dividing the sum by the number of teams ranked in the tournament. (Non-ranked teams will NOT be factored into the average.) Then the tier of the tournament is determined based on where the average rank falls into the table below.

| Tier   | U12            | U14            | U16            | U18            |
|--------|----------------|----------------|----------------|----------------|
| Tier 1 | < 0.35X        | < 0.35X        | < 0.35X        | < 0.35X        |
| Tier 2 | 0.35X to 0.55X | 0.35X to 0.55X | 0.35X to 0.55X | 0.35X to 0.55X |
| Tier 3 | > 0.55X        | > 0.55X        | > 0.55X        | > 0.55X        |

(X=Total number of teams in the ERVA age division)

A tier multiplier will be added to represent strength of field as shown below:

|        |     |
|--------|-----|
| Tier P | 0.7 |
| Tier 1 | 0.8 |
| Tier 2 | 1.0 |
| Tier 3 | 1.2 |

**Example:** There is a 6-team U14 tournament with following teams. The total number of teams in the U14 age group is 80.

| Tournament Finish | Team Name | ERVA Team Ranking |
|-------------------|-----------|-------------------|
| 1                 | Amber     | 5th               |
| 2                 | Blue      | 12th              |
| 3                 | Cougars   | 14th              |
| 4                 | Dynamite  | 27th              |
| 5                 | Eagles    | 65th              |
| 6                 | Fandango  | 82nd              |

The average rank for this tournament is 34.2, which indicates that this is a Tier 2 tournament. Team Amber won this tournament and would get .166 points based on tournament size and their finish but this point score would be multiplied by 1.0 to get their final tournament points.

Note: When a tournament has separate divisions for an age group or is a Power tournament the total number of teams will be combined to determine the "Number of Teams in the Respective Division". If the tournament is split over two different weekends or days and a division is split that respective division will not have ranking points calculated until the conclusion of the second weekend of the tournament.

## Ranking Formula based on Month of Tournament

Teams will receive a month multiplier for tournaments played in January-April. See the chart below.

| Month    | Multiplier |
|----------|------------|
| January  | 1.2        |
| February | 1.1        |
| March    | 1.0        |
| April    | 0.9        |

### Ranking Formula for Playing Up a Division

Teams playing up in a higher age division will receive two separate rankings for their finish in the tournament. The team will receive a true tournament ranking for the age division they competed in to have a team rank for that age division for seeding in higher age division tournaments they compete in AND receive a separate tournament ranking to be incorporated into their own age division ranking.

They will receive a playing up multiplier based on their finish in the higher age division. See the chart below.

| Finish by Quartile                    | 16 Team Tournament Example                            | Rank Multiplier |
|---------------------------------------|---|-----------------|
| 1 <sup>st</sup> Quartile (top 25%)    | 1 <sup>st</sup> , 2 <sup>nd</sup> , 3 <sup>rd</sup>   | 0.20            |
| 2 <sup>nd</sup> Quartile (50%-75%)    | 5 <sup>th</sup>                                       | 0.25            |
| 3 <sup>rd</sup> Quartile (25%-50%)    | 9 <sup>th</sup> , 10 <sup>th</sup> , 11 <sup>th</sup> | 0.33            |
| 4 <sup>th</sup> Quartile (bottom 24%) | 13 <sup>th</sup>                                      | 0.50            |

### USAV Junior National Qualifiers

Teams that play in a USAV Jr. National Qualifier will receive a multiplier of 3 for the total number of teams in the respective age division before the calculations are completed.

**Example:** 16U team playing in the Open Division of a JNQ and finishing 1st (160 teams total)  
 $1 / (160 \times 3)$  or  $1 / 480 = .002$

16U team playing in the National Division of a JNQ and finishing 1st (160 teams total)  
 $33 / (160 \times 3)$  or  $33 / 480 = .069$  (Assuming 32 teams in Open)

16U team playing in the American Division of a JNQ and finishing 1st (160 teams total)  
 $97 / (160 \times 3)$  or  $97 / 480 = .202$  (Assuming 64 teams in National)

Ranking points will be awarded for tournaments using the final finish results of each respective tournament. Points will be entered into the regional ranking report and will then be sorted using the average of the listed points for each team in the respective division. Points that are earned playing up in an older age division will be listed in **Red**. All other points will be listed in **Black**.

The first ranking report will be posted by the third week of January. Each subsequent report will be posted to the Evergreen Region website by Thursday after an ERVA USAV sanctioned tournament occurs, unless there are no upcoming tournaments that would need a revised ranking report for their respective event.

**IMPORTANT:** Points will only be awarded for USAV Junior National Qualifiers and USAV regionally sanctioned tournaments in the ERVA. No other tournaments are eligible to receive points. Tournament Directors are responsible to submit tournament results to the Evergreen Region Office. The Evergreen Region Office will obtain the final results for all Junior National Qualifiers. Club Directors are responsible to maintain head-to-head and win/loss results for their teams and submit a summary of those results to the Ranking Committee 2 weeks prior to the respective Regional tournament they wish to challenge their placement in the ranking results. If no challenge is issued, the rankings listed in the Evergreen Region Ranking Report will be final.