



## NATIONAL RANKING SYSTEM

UPDATED: DECEMBER 2022

**Purpose:** The National Ranking System (NRS) is utilized by USA Archery for the purposes of selecting archers to the Senior United States Archery Team, International Events, and Athlete Stipends and Support Programs.

**The following sections will apply to Senior Recurve Men and Women and Senior Compound Men Only:**

### **Fundamental Components:**

1. **National Event Placement Points - calculated by including:** \_\_\_\_\_
  - a. Qualification Round Placement
  - b. Single Arrow Average (SAA) Placement During Elimination Round Matches through the 1/4 Round (excludes medal matches)
  - c. Elimination Round Placement
2. **International Success Points – calculated by including:** \_\_\_\_\_
  - a. Outdoor World Cup Stages and Outdoor World Cup Final Placement
  - b. World Archery Championships
  - c. Olympic Games

### **National Event Placement Points Defined:**

1. **Qualification Round Placement:**

Eligible archers will be ranked based on their Qualification Round Scores, receiving a Qualification Round Placement.

2. **SAA Placement During Elimination Round Matches through the 1/4 Round:**

Eligible archers will receive placement points based on their SAA amongst the other eligible archers in the competition. SAA Values will be rounded to the nearest thousandth, rounding up at .0005 and above. Ties within SAA values will remain when factoring an archer's SAA Placement.

3. **Elimination Round Placement:**

- a. Eligible archers eliminated in the 1/8, 1/16, and 1/32 rounds of competition will have their Elimination Round Placement determined by their SAA of the match in which they were eliminated (i.e., All archers in the 1/8 Round will have their Elimination Round Placement separated against all archers eliminated in the 1/8 Round, using the archer's SAA of the 1/8 Round. This is also the case for all archers eliminated in the 1/16 and 1/32 Rounds).
- b. Archers eliminated in the 1/4 round (5<sup>th</sup> through 8<sup>th</sup> place) will have their Elimination Round Placement determined by World Archery rule 14.6.2.



## The following sections will apply to Senior Compound Women Only:

### Fundamental Components:

1. National Event Placement Points - calculated by including:

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  - a. Qualification Round Placement
  - b. Elimination Round Placement
2. International Success Points – calculated by including:

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  - a. Outdoor World Cup Stages Placement and Outdoor World Cup Final Placement
  - b. World Archery Championships

### National Event Placement Points Defined:

#### 1. Qualification Round Placement:

Eligible archers will be ranked based on their Qualification Round Scores, receiving a Qualification Round Placement.

#### 2. Elimination Round Placement:

- a. Eligible archers eliminated in the 1/8, 1/16, and 1/32 rounds of competition will have their Elimination Round Placement determined by their SAA of the match in which they were eliminated (i.e., All archers in the 1/8 Round will have their Elimination Round Placement separated against all archers eliminated in the 1/8 Round, using the archer's SAA of the 1/8 Round. This is also the case for all archers eliminated in the 1/16 and 1/32 Rounds).
- b. Archers eliminated in the 1/4 round (5<sup>th</sup> through 8<sup>th</sup> place) will have their Elimination Round Placement ranked according to World Archery rule 14.6.2.

### Calculating an Archer's Event Placement Points:

#### 1. Two Fundamental Components

- a. The two components of the event placement points will be weighted to calculate an archer's Event Placement Points. The formula rewards archers for a high level of performance in two fundamental components. An archer's Event Placement Points provides a comprehensive overview of the archer's performance for a given competition.

Qualification Round Placement 60%

Elimination Round Placement 40%

Event Placement Points 100%

#### 2. Calculating an Archer's Event Placing Point

$$\begin{aligned} & ((\text{Qualification Round Placement} \times .60) + (\text{Elimination Round Placement} \times .40)) \\ & = \text{National Event Placement Points} \end{aligned}$$

#### 3. Example A:

$$\begin{aligned} & ((7^{\text{th}} \text{ Place} - \text{Qualification Round} \times .60) + (9^{\text{TH}} \text{Place} - \text{Elimination Round} \times .40)) \\ & = ((7 * .60) + (9 * .40)) \\ & = (2.80 + 3.6) \\ & \text{National Event Placement Points} = 6.4 \end{aligned}$$

#### 4. Example B:

$$\begin{aligned} & ((10^{\text{th}} \text{ Place} - \text{Qualification Round} \times .60) + (10^{\text{TH}} \text{Place} - \text{Elimination Round} \times .40)) \\ & = ((10 * .60) + (10 * .40)) \\ & = (6.00 + 4.00) \end{aligned}$$

National Event Placement Points = 10.0

Calculating an Archer's International Success Points (For All Senior Recurve and Senior Compound):

1. International Success Bonus Points reward archers who finish in the Top 8 at an Outdoor World Cup, Olympic Games and/or World Archery Target Championships. International Success Bonus Points will also be awarded to archers who finish in the Top 3 at the Outdoor World Cup Final as listed below.
2. International Success Bonus Points will be applied to an archer's ranking as follows:
  - a. International Success Bonus Points will be shown as a negative number in the NRS.
  - b. International Success Bonus Points will be removed following the completion of the same event from the previous year, or no later than one calendar year from the event completion date in which the points were earned in the previous year.
3. International Success Bonus Points will be awarded as follows:

	<b>OUTDOOR WORLD CUP STAGES</b>	<b>OLYMPIC GAMES, WORLD ARCHERY CHAMPIONSHIPS</b>	<b>WORLD CUP FINAL</b>
<b>TOP 3 FINISH</b>			--- 1.0
<b>TOP 4 FINISH</b>	---.5	--1.0	
<b>TOP 8 FINISH</b>	--0.25	--.5	

**Events to be factored into the National Ranking System (For All Senior Recurve and Senior Compound):**

1. USA ARCHERY TARGET NATIONALS and U.S. OPEN \_\_\_\_\_ MANDATORY EVENT
  - a. USA Archery Target Nationals and U.S. Open participation is a requirement to receive a National Ranking and to be eligible for World Cups and/or other International Teams as well as USA Archery and Athlete Stipends and other Support Programs the following year.
    - i. In the unpreventable situation that an archer is not able to compete in the required event for national ranking in their respective division the Policy for Missing the Required Event document outlines rules for approved exceptions. The Policy for Missing the Required Event can be found [here](#).
  - b. The event placement points for the USA Archery Target Nationals and U.S. Open will be calculated by formula described on page 2 of this document which includes ((Qualification Round Placement x .40) + (Single Arrow Average Placement x .20) + (Elimination Round Placement x .40)).
  - c. Although participation is required, the use of the event placement points for the USA Archery Target Nationals and U.S. Open is not required in the archer's NRS ranking.
  - d. Placement at the USA Archery Target Nationals will break any ties in the National Ranking System.
2. USAT QUALIFIER SERIES EVENTS \_\_\_\_\_ MINIMUM OF FOUR EVENTS
  - a. The USAT Qualifier Series Events will be defined as:
    - i. USAT Qualifier Series Event 1 will be the 1st USAT Qualifier Series Event of the calendar year.
    - ii. USAT Qualifier Series Event 2 will be the 2nd USAT Qualifier Series Event of the calendar year.
    - iii. USAT Qualifier Series Event 3 will be the 3rd USAT Qualifier Series Event of the calendar year.
    - iv. USAT Qualifier Series Event 4 will be the 4th USAT Qualifier Series Event of the calendar year.
    - v. USA Archery Target Nationals/U.S. Open is a USAT Qualifier Series Event of the calendar year.
    - vi. If there are more than 4 USAT Qualifier series events, USAT Qualifier Series Event #N will be the Nth USAT Qualifier Event of the calendar year.
  - b. The final National Ranking System Ranking will only include USAT Qualifier Series Events for that calendar year.
  - c. The USA Archery Target Nationals will be defined as a USAT Qualifier Series event.
  - d. Eligible USAT Qualifier Series Events for the current NRS Ranking will consist of the best four total USAT Qualifier Series events such that:

- i. Only the five most recent completed USAT Qualifier Series Events will be eligible in the current National Ranking System Rankings.
  - ii. When USAT Qualifier Series Event 1 of the calendar year has occurred, USAT Qualifier Series Event 1 of the previous year will be removed from the list of eligible competitions.
  - iii. When USAT Qualifier Series Event 2 of the calendar year has occurred, USAT Qualifier Series Event 2 of the previous year will be removed from the list of eligible competitions.
  - iv. When USAT Qualifier Series Event 3 of the calendar year has occurred, USAT Qualifier Series Event 3 of the previous year will be removed from the list of eligible competitions.
  - v. When USAT Qualifier Series Event 4 of the calendar year has occurred, USAT Qualifier Series Event 4 of the previous year will be removed from the list of eligible competitions.
  - vi. When the USAT Qualifier Series Event, the USA Archery Target Nationals of the calendar year has occurred, the USA Archery Target Nationals of the previous year will be removed from the list of eligible competitions.
  - vii. Only the best four events that yield the best(lowest) NRS points out of the five most recent USAT Qualifier Series events will be used in an archer's ranking.
- e. An archer must compete in a minimum of four eligible USAT Qualifying Series Events to be ranked. Participation in the most recent USA Archery Target Nationals/U.S. Open is required to have a ranking, except as noted in f. below.
- f. EXCEPTION FOR APPROVED INTERNATIONAL EVENTS and/or RELATED QUOTA EVENTS THAT CONFLICT WITH USAT EVENT SCHEDULES, TO INCLUDE THE REQUIRED EVENT
- i. Archers selected to the Olympic Games, Paralympic Games, Youth Olympic Games, Pan American Games, Para Pan American Games, Junior Pan American Games, World University Games and/or World Games team or selected to participate in related quota events or who are named to a World Cup, World Cup Final, World Archery Championship, Youth World Archery Championship, World University Championship, World Archery Field Championship or World Archery 3D Championship team who are unable to attend a USAT event due to their participation in one of the events listed above, will receive ranking points at the end of the calendar year for the missed USAT event equal to their average ranking points of all completed USAT events that calendar year used to determine their final national rank. For an archer to be eligible to receive an average score, they must have attended and completed the other four USAT events that calendar year for purposes of their final national rank.

Archers who miss two USAT events for the reasons outlined above, will receive ranking points only for the first missed event equal to their average ranking points of all three completed USAT events in the calendar year. The second missed USAT event will be treated as a missed event, which can later be dropped prior to the calculation of the archer's final national rank.