

# USA ARCHERY NATIONAL RANKING SYSTEM

## National Ranking System 101

UPDATED August 2021

**Purpose:** The National Ranking System (NRS) is utilized by USA Archery for the purposes of selecting athletes to the senior National Team, International Events, and USOPC Support Programs.

### **Eligibility Guidelines**

The NRS Ranking is provided for USA Archery members in good standing who have a valid U.S. passport. If an athlete does not have a valid U.S. passport, they must have resided in the USA for one year while they are allowed to achieve ranking points and after the end of that year, they need to obtain written permission of the Member Association, if any, of the country from which he/she has a valid passport prior to actually competing for USA Archery. Athletes must also meet all eligibility guidelines set forth in the United States Archery Team Selection Procedures.

### **Fundamental Components:**

1. **National Event Placement Points - calculated by including:** \_\_\_\_\_ (page 1 & 2)
  - a. Qualification Round Placement
  - b. Single Arrow Average (SAA) Placement During Elimination Round Matches
  - c. Elimination Round Placement
2. **International Success Points – calculated by including:** \_\_\_\_\_ (page 3)
  - a. World Cup Stages Placement
  - b. World Championship, Olympic and World Cup Final Placement.

### **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:**

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:**

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.)

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## Calculating an Athlete's Event Placement Points:

### 1. Three Fundamental Components

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

- Qualification Round Placement	40%
- Single Arrow Average Placement	20%
- <u>Elimination Round Placement</u>	40%
Event Placement Points	100%

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

$$((\text{Qualification Round Placement} \times .40) + (\text{Single Arrow Average Placement} \times .20) + (\text{Elimination Round Placement} \times .40)) = \text{National Event Placement Point}$$

### 3. Example A:

$$((7^{\text{th}} \text{ Place} - \text{Qualification Round} \times .40) + (6^{\text{th}} \text{ Place} - \text{Single Arrow Average} \times .20) + (9^{\text{th}} \text{ Place} - \text{Elimination Round} \times .40)) = ((7 * .40) + (6 * .20) + (9 * .40)) = (2.80 + 1.20 + 3.6) = \text{National Event Placing Point} = 7.60$$

### 4. Example B:

$$((10^{\text{th}} \text{ Place} - \text{Qualification Round} \times .40) + (7^{\text{th}} \text{ Place} - \text{Single Arrow Average} \times .20) + (10^{\text{th}} \text{ Place} - \text{Elimination Round} \times .40)) = ((10 * .40) + (7 * .20) + (10 * .40)) = (4.00 + 1.40 + 4.00) = \text{National Event Placing Point} = 9.40$$

**Elimination Round Placement determined by SAA of eliminated match.**

EXAMPLE:		Qual Round Place	1/16 Round		1/8 Round		SAA of ELIM. MATCH	Semi Finals	Finals	Total Score Shot in Matches	Total # of Arrows Shot in Matches	Single Arrow Avg. Score	Single Arrow Avg. Place	Elim. Round Place	USAT Placing Points	
<b>A</b>	1393	/	7	148	15	114	12	9.500			262	27	<b>9.704</b>	6	9	<b>7.60</b>
<b>B</b>	1382	/	10	119	12	142	15	9.467			261	27	<b>9.667</b>	7	10	<b>9.40</b>
<b>C</b>	1353	/	14	85	9	113	12	9.417			198	21	<b>9.429</b>	14	11	<b>12.80</b>
<b>D</b>	1381	/	11	143	15	84	9	9.333			227	24	<b>9.458</b>	10	12	<b>11.20</b>
<b>E</b>	1396	/	5	115	12	139	15	9.267			254	27	<b>9.407</b>	16	13	<b>10.40</b>
<b>F</b>	1414	/	1	116	12	111	12	9.250			227	24	<b>9.458</b>	10	14	<b>8.00</b>
<b>G</b>	CAN															
<b>H</b>	ESA															

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### Calculating an Athlete's International Success Points:

1. International Success Bonus Points reward athletes 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 athletes 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 athlete'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 earned at the most recent Outdoor World Cups, World Archery Target Championships, Olympic Games and Outdoor World Cup Final.
  - c. International Success Bonus Points will be removed after 1 year to the date of the completion of the event from the previous year.
3. International Success Points for Outdoor World Cup, World Archery Target Championships, Olympic Games and Outdoor World Cup Final Placement:

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

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### Events to be factored into the National Ranking System:

1. USA ARCHERY TARGET NATIONALS and U.S. Open MANDATORY EVENT
  - a. USA Archery Target Nationals 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 USOPC Athlete Stipends and other support services the following year.
    - i. In the unpreventable situation that an athlete 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/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 is not required in the athlete's NRS ranking.
  - d. Placement in the elimination round at the USA Archery Target Nationals and U.S. Open 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:

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- 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 athlete's ranking,
- e. An archer must compete in a minimum of four eligible USAT Qualifying Series Events in order 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. Athletes named to the Olympic Games, Paralympic Games, Youth Olympic Games, Pan American Games, Para Pan American Games, Junior Pan American 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 Championship, Youth World Championship, World Field Championship, World 3D Championship, World University Games or World University Championships 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. In order for an athlete 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.
- Athletes 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 athletes final national rank.

### 3. INTERNATIONAL SUCCESS BONUS POINTS EARNED AT INTERNATIONAL EVENTS

- a. Athletes can earn International Success Bonus Points as defined on page 3 of this document.