



## EVF Ranking System

### 1 Overview

A key objective of EVF is to encourage participation by Veteran Fencers throughout Europe. To progress this objective a circuit of events has been introduced along with a ranking system.

A set of qualifying events for each weapon are chosen around Europe. Ranking points are awarded for these events plus the EVF Individual Championships.

Ranking points for a fencer are based on:

- their overall position
- the number of rounds of DE they have survived
- podium position

The best results from a set number of events are added together to form a total.

Ranking lists are provided for each of the 24 weapon-age categories in order of their total points.

#### 1.1 Use of the Ranking Lists

The Ranking Lists will be used for:

- seeding of individual competitions
- the award of an annual trophy to the top placed European fencer

The seeding of weapon teams for EVF **Team** Championships shall be based on two criteria:

**1st criterion** - the overall rankings of the weapon team at the most recent EVF Team Championships.

**2nd criterion** - for those weapon teams that did not participate in the most recent EVF Team Championships the seeding is determined by adding together the ranking points of the three best ranked fencers on the current EVF ranking list without taking into consideration age category. For this criterion, the weapon team

with the highest cumulative ranking points will be the best seeded. The 1st criterion will always take precedence over the 2nd criterion.

## **1.2 Nomenclature**

An **event** has a name, a location and a date, e.g.: *EVF Championships, Chiavari, 2017*

A **competition** has a weapon, category, entries and results, e.g.: ME4, 62 entries, John Mason came 1<sup>st</sup>

## **2 Events**

### **2.1 Types of Event**

- The EVF Individual Championships held every other year.
- A circuit of annual EVF events. The current circuit is posted in the EVF Calendar.

Circuit events are in different countries. Events should be accessible for an international entry. When establishing the Circuit event calendar, the board tries to balance the number of opportunities for all weapons both in time and geographical location as much as possible.

All EVF organised events and EVF Circuit events are run to the same formula in that the final round is D/E in age categories V1-V4 with bouts to 10 hits.

### **2.2 Fencing Season**

The season starts on August 1<sup>st</sup> and lasts until July 31<sup>st</sup>.

### **2.3 Age Category Calculation**

A fencer's age is taken as their age at the end of the Fencing Season. Age changes on August 1<sup>st</sup> and is retained for the whole Fencing Season.

### 3 Ranking Points

Points depend on the following factors:

- The type of event
- The final placing in the competition
- The number of D/E rounds achieved
- Podium placing

Each of the above factors is discussed in the following sections.

#### 3.1 Type of the Event

The final points score is multiplied by 1.2 for a result in the EVF Individual Championships.

#### 3.2 Final Placing

Placings for competitions are taken straight from the published results.

Whatever the size of the competition, the first placed gets 50 Points. The last placed is awarded 1 point. A log scale is then be used for intermediate places.

The last place is awarded 1 point so that ALL competing fencers appear in the ranking list.

For a **log scale** the points awarded are:

$$y = MP + (1-MP) * \log(x)/\log(N)$$

where:

- y = points awarded
- MP = Maximum Points awarded (I.e.: to first place in this event)
- X = final ranking of the fencer
- N = number of entries

#### 3.3 D/E Rounds Bonus

Extra points (10) are awarded for each round achieved. This ensures that a 5<sup>th</sup> place in an entry of 300 earns more points than 5<sup>th</sup> place in an entry of 16.

#### 3.4 Podium Bonus

Further bonus points are awarded for podium places. A formula is used to allocate the bonus so that a larger competition gets more than a smaller one.

### 3.5 Formula Requirements

It is required that certain conditions are met and these are illustrated on the right hand side of the table:

1 <sup>st</sup> place		2 x 5 <sup>th</sup> place
2 x 8 <sup>th</sup> place		5 <sup>th</sup> place + 9 <sup>th</sup> place
2 x 16 <sup>th</sup> place	points should be greater than	9 <sup>th</sup> place + 17 <sup>th</sup> place
2 x 32 <sup>nd</sup> place		17 <sup>th</sup> place + 33 <sup>rd</sup> place
2 x 64 <sup>th</sup> place		33 <sup>rd</sup> + 65 <sup>th</sup> place
2 x 128 <sup>th</sup> place		65 <sup>th</sup> place + 129 <sup>th</sup> place

A spreadsheet is provided on the EVF website to illustrate the point allocation algorithms.

#### **4 Sub-set of Results for Ranking**

Fencers are not expected to participate in every event.

Ranking is based on the **best five (5)** results from:

- the most recent EVF Individual Championships
- the last two editions of each EVF Circuit Event

EVF Circuit events are included in the ranking for a maximum of 2 editions, or up to two years. If previous editions of an EVF Circuit event were not included in the EVF Circuit calendar, the results are not included in the EVF Ranking.

## 5 Implementation of Ranking System

A software program, integrated with the EVF database, is available to produce ranking lists.

The program does the following:

- Import results from competitions
- Calculate ranking points based on the sections above
- Show rankings by weapon within an age group based on the included results (See Example 1 below)
- Show how the ranking points have been calculated for each fencer (See Example 2 below)

The program is hosted on the EVF server.

### 5.1 Examples

#### Example 1: Ranking List for Mens Foil Category 3

Rankings

The **EVF Ranking** lists are compiled from results in the Individual Championships and Circuit Events.

Weapon :  Category :

Pos. ↓	Name ↓	First name	Country ↓	Points	
1	CSAK	Attila	HUN	645.32	
2	HUERTO	Stéphane	FRA	498.63	
3	RIJSENBRIJ	Hans	NED	408.00	
4	TROIANO	John	GBR	359.28	
5	DOUSSE	Cristian	SUI	332.82	

**Example 2:** View the Points Details. The best results are highlighted (in green) and used to calculate the total. Other results that not counted towards the total are highlighted in blue.

Details

RIJSENBRIJ, Hans NED

# Event	Year	Location	Weapon	Entry	Place	Points	DE	Podium	Factor	Total
1 EVF Circuit - Graz 2023	2023	Graz	Mens Foil	18	1	50.00	50.00	23.59	1.00	123.59
2 European Individual Championships 2023	2023	Thionville	Mens Foil	62	3	36.96	40.00	11.87	1.20	106.60
3 EVF Circuit - Budapest 2022	2022	Budapest	Mens Foil	17	2	38.01	40.00	15.43	1.00	93.44
4 World Veterans Criterium 2023	2023	Paris	Mens Foil	19	5	23.22	20.00	0.00	1.00	43.22
5 EVF Circuit - Fâches-Thumesnil 2023	2023	Fâches-Thumesnil	Mens Foil	21	6	21.16	20.00	0.00	1.00	41.16
6 EVF Circuit - Graz	2022	Graz	Mens Foil	15	5	20.88	10.00	0.00	1.00	30.88
7 EVF Circuit - Munich 2022	2022	Munich	Mens Foil	22	10	13.50	10.00	0.00	1.00	23.50

**6 Document History**

<b>#</b>	<b><i>Date</i></b>	<b><i>Author</i></b>	<b><i>Description</i></b>
5	2023-07-25	John Mason	Removed Paris Criterium
6	2023-09-25	Michiel Uitdehaag	Minor typological changes