WORLD RANKING - 2020

RULES AND ALGORITHM

(VALID FROM OCTOBER 5, 2020)

Approved by the ITHF
Executive Committee

1 Overview

1.1 Responsibilities

The ITHF World Ranking website – www.ithf.info/ranking - is developed and maintained by Stanislav Kraus from the Czech Republic.

The ranking algorithm is developed by Martin Arenlind from Sweden.

Oleksii Gusak and Mykhaylo Shalomayev from Ukraine are WR administrators and handling the weekly updates of the ranking.

The design of the web page was done by Pascal Theriault from Canada.

Results are provided by lots of tournament organizers throughout the world. Thanks to all of you!

1.2 Brief description of the ranking

The basic idea of the rankings is:

   ▪ Tournaments involving higher ranked players shall be worth more points accordingly.
   ▪ In each tournament played, a certain number of points are awarded to each player.
   ▪ All players count their best 5 results.
   ▪ All tournaments from the last 2 years qualify fully in the rankings.
        o After 2 years, the value of the tournament are gradually decreased over time
        o After 6 years, the tournament is not counted anymore

Detailed description can be found in chapters 2, 3 and 4.

1.3 Contact persons

All nations (national federations) that participate in the rankings should appoint from one to five official contact persons, the list of which before January 31, 2020 should be sent to e-mail wr.update@ithf.info. The responsibility of that contact person is:

   ▪ To assist in determining which tournament shall be considered as a Level 3, Level 4, Level 5 and Level 6 tournaments (see chapter 2.2).
   ▪ To ensure that all tournaments from their country is added to the rankings.
   ▪ To actively attempt to contact local leagues that does not submit their results.
   ▪ Provide the correct data for all players participating in tournaments.

1.4 Players Database

ITHF Rankings are intended to singularly rank individual human beings as table hockey players. One person = one true identity = one player in the ITHF rankings. Each player in the ranking gets his ID-number.

Second identity (or more than two identities), created intentionally, should never be allowed and should be corrected as soon as detected so that one person = one true identity = one player in the ITHF rankings.

Some players may and do accidentally or inadvertently have a second identity because of misspellings, typos, etc. These errors should be corrected as soon as detected so that we stay true to our intent.

1.5 Personal data

The tournament organizer or representative of the national federation where the tournament is held must obtain permission from the player to use his data in the World Ranking.

The player (or the person who represents him) is obligated to provide the ranking with the correct first name, surname (as indicated in the passport), year of birth, as well as indicate the country whose passport he has. If, according to national legislation, children do not have a passport, the country they are entitled to represent is determined by other documents that confirm the identity of the child (birth certificate, etc.).

Also, at the request of the player, a photo, his "nickname", club and home city or city of residence can be added to the site.

At the player's request, the ITHFs website will not display the player's photo or other data, except for the first name, surname, year of birth and country.

Both the player himself and the representative of the national federation who sends the results to the World Ranking are responsible for submitting the correct personal data.

According to the law on the protection of personal data, everyone has the right to get acquainted with the personal data collected on him, and find out for what purpose they were processed. If the data has changed or is inaccurate for another reason, the player has the right to demand the correction of his personal data or remove incorrect data.

2 Tournaments

2.1 Which tournaments count?

All tournaments played during the last 6 years count in the ranking. All tournaments shall be sent to its country contact representative, and he will send them to the WR when all required information exists. Or you can report results to the WR directly by using web form at the world ranking web pages.

Tournaments must meet following rules:
- the tournament must be open for everybody who is interested to play at
- if using more basic groups the players must be seeded using a ranking (local, national or WR)
- the tournament cannot have ONLY playoff
- if the tournament has a playoff, the final ranking must be counted using the playoff results. The group placement is used for the players participating in playoff only to determine the final placement for those who were eliminated at the same round of playoff
- it shall not be possible for a beginner to play in a tournament, lose every match and still obtain world ranking points due to having been excused from a preceding qualification round
- if the tournament doesn't meet the criteria above the WR level 6 will be used for this tournament, unless ITHF Executive Committee approved the tournament rules
- if the ITHF Executive Committee Member wants to check the detailed results of this tournament, the representative of the country or the organizer must provide the necessary data
- the ITHF Executive Committee may instruct the WR Administrator to remove a tournament from the ranking if it does not meet the requirements and these rules.

The following tournaments are not to be included in the rankings:
- tournaments that are not played on Stiga games
- tournaments in which there are fake players
- tournaments where sports principles are not respected
- tournaments where players consume alcohol before or during play
- tournaments deemed by the WR responsible to not be serious.

2.2 Tournament levels

Tournaments are divided into the following seven levels:

Level 1
World Championships
Continental Championships

Level 2
World Tour Super Series
World Tour Majors

Level 3
World Tour
Regional Championships (f.i. Baltic Championships)
World Championships Special Classes (Junior, Women, Veteran)
Continental Championships Special Classes (Junior, Women, Veteran)
Continental Tours (North American Tour)
National Championships (only if 1 tournament per season)

Level 4
National Tours (*maximum 13 per season per nation)
Regional Tours (f.i. SLO-CRO Interliga)
National Championships Special Classes (Junior, Women, Veteran)
Regional Championships Special Classes (Junior, Women, Veteran)
North American Local League Playoffs (f.i. Lemont THL Playoff)

* If the number of these tournaments is higher than 13 during a season the WR Administrator will change the leveling of tournament number 14, 15 etc. which means that only the first 13 tournaments in the particular season will be level 4.

Level 5
Sanctioned Local Leagues
National Championships Special Classes (Kids, SuperVeterans, Rookies)
National Tour Special Classes (Junior, Women, Veteran)

Level 6
Local Leagues for Special Classes (Junior, Women, Veteran)
Local Junior Tournaments
All Other Tournaments

Level 10
Team Competitions (these do not count in the rankings)

2.3 Tournaments with less than 4 players

Tournaments with less than 4 players do not give any ranking points.

2.4 Aging tournaments

When a tournament gets older than 2 years, its value is decreased by 20%. After this, its value decreases by another 20% every year. When it gets older than 6 years, it is not counted in the rankings anymore.

Tournament age	Percentage of value counted
< 1 year	100 %
< 2 year	100 %
< 3 year	100 % or 80 % (*)
< 4 year	60 %
< 5 year	40 %
< 6 year	20 %
> 6 year	0 %

* Note: due to COVID-19 from October 5, 2020 to June 30, 2021, the percentage of the calculated value is 100%, but from July 1, 2021 – 80%.

2.5 Incomplete old tournaments

Unfortunately in some older tournaments not all places are known. These are handled so that only known places are calculated in the ranking.

If for example a tournament had 100 players, but only top 10 places are known, then the ranking sees it as a tournament with 10 players.

3 Points calculation

For each tournament, each position is given a value. The value for each position is calculated in 4 different ways, and then the maximum of the values are chosen.

3.1 Which players beaten-method

This is the most common method used.

Each player has a value. It is either his highest active point in the ranking, or 80 % of his highest point ever. Players are sorted after their value.

For each position, the points are calculated. For 1st place, the average values of the 4 best players from are used. For 45th place, the average values of players 45-48 from are used.

Each place has now a value. These values are multiplied by a tournament level coefficient, saying how important the tournament is. The coefficients are:

Level	Coefficient
1	0.96
2	0.92
3	0.89
4	0.83
5	0.60
6	0.40

3.2 Number of players beaten-method

This method is used for making sure that all players get points for playing.

Each player gets 1 point for each player you beat.

Also, 1 extra point is given for participating.

By this method you can get 70 points as much as possible.

The points calculated for each player with this method would be as follows:

$$1 + \frac{(70-1) * (TotalPlayersBelowPosition)}{TotalPlayers-1}$$

For example, if 400 beginners play a tournament, the points would be as follows:

Place	Points
1st	70
2nd	69.827067669
3rd	69.654135338
…	…
398th	1.3458646617
399th	1.1729323308
400th	1

3.3 Scaling method

This method is used to guarantee a certain point to the top places of a tournament.

The winner of a tournament gets a value dependant on the tournament value:

Level	Winner points
6	20
5	40
4	70
3	100
2	500
1 (for Continental Championships)	600
1 – (for World Championships)	1000

For each place, the point is divided by 2.

3.4 Linear method

1st place gets points according to the table in Scaling method. I.e. 1000 points in World Championships, 600 points in European & North American Championships, 500 points in level 2, 100 points in level 3, 70 points in level 4, 40 points in level 5 and 20 in level 6. Last place gets 1 point.

Other places get points that are linear between this. The value of a place is

$$1 + \frac{(WinnerPoints - 1) * (NbrOfPlayers - Place)}{NbrOfPlayers - 1}$$

3.5 Summing it up

When all 4 methods have been used, the maximum value is used. Decimal points would not be displayed on the website and the player's points would be shown as whole numbers. Also, an additional 10 points are given to the winner of the tournament, to give some extra value to winning a tournament.

3.6 Counting example

As example, let's consider a World Championships with only 7 players, with values 1000, 990, 950, 900, 890, 0, 0

Place	WhichPlayerBeaten	NbrOfBeaten	Scalar	Linear	Max	Additional	Result
1	922	7	1000	1000	1000	10	1010
2	896	6	500	834	896		896
3	658	5	250	667	667		667
4	430	4	125	501	501		501
5	285	3	63	334	334		334
6	0	2	31	168	168		168
7	0	1	1	1	1		1

4 Ranking lists

4.1 General

All players having participated in a reported tournament during the last 6 years are included to the rankings.

Players count their best 5 tournaments. Meaning the 5 tournaments where they have the most active points. See chapter 2.4 for info about which points that are active.

Those 5 values are added, and the sum is the players ranking points. The rankings on the website are sorted in order of the ranking points, the higher the points, the better the ranking.

4.2 Open ranking

This ranking is the main ranking list. All ranked players are in this list.

4.3 Women ranking

The women rankings include all players, who have been reported as female. If someone is missing from the rankings, or if someone is ranked that shouldn't be, please email the information to wr.update@ithf.info

4.4 Junior ranking

The junior rankings for a season include all players, who turn 18 or less the same year as the season end. As example, for season 2019/2020 all players born 2002 or later are included. If anyone is missing, or anyone should not be there, please email the information to wr.update@ithf.info

4.5 Veteran ranking

The veteran rankings for a season include all players, who turn 40 or more the same year as the season end. As example, for season 2019/2020 all players born 1980 or later are included. If anyone is missing, or anyone should not be there, please email the information to wr.update@ithf.info

4.6 Club rankings

For each club in the rankings, the best 4 players (ranking wise) have been considered as a team. 4 were chosen since there are 4 players in each team in most club team championships. The 4 players total ranking points are added together, and the total value is the clubs ranking points. The ranking is sorted according to this.

4.7 Nations ranking

If you hold multiple nationalities, you can yourself decide which country to play for. Email wr.update@ithf.info if you want to change your or anyone else's nationality.

For each nation in the rankings, the best 5 players (ranking wise) have been considered as a national team. 5 were chosen since there are 5 players in each team in world team championships. The 5 players total ranking points are added together, and the total value is the nations ranking points. The ranking is sorted according to this.

4.8 Women nations ranking

For each nation in the rankings, the best 3 women players (ranking wise) have been considered as a national team. 3 were chosen since there are 3 players in each team in world women team championships. The 3 players total ranking points are added together, and the total value is the nation's ranking points. The ranking is sorted according to this.

4.9 Junior nations ranking

For each nation in the rankings, the best 3 junior players (ranking wise) have been considered as a national team. 3 were chosen since there are 3 players in each team in world junior team championships. The 3 players total ranking points are added together, and the total value is the nation's ranking points. The ranking is sorted according to this.

4.10 Veteran nations ranking

For each nation in the rankings, the best 3 veteran players (ranking wise) have been considered as a national team. 3 were chosen since there are 3 players in each team in world veteran team championships. The 3 players total ranking points are added together, and the total value is the nation's ranking points. The ranking is sorted according to this.

5 Guideline for country responsible

5.1 How shall a tournament be reported

Tournaments shall be reported either by using special WR reporting tool, which can be given by WR administrator, or here: http://www.ithf.info/stiga/ithf/ranking/enterres.aspx

5.2 Correct erroneous data in the rankings

All data in the rankings is of course not always correct. Whenever something can be corrected, just send email about it to wr.update@ithf.info! For example, if someone plays for another club than is listed (information about the club is changed taking into account paragraph 2.6 of the Tournament Rules). Or if you obtain knowledge of someone's birth year -- please forward.

5.3 Get all tournaments reported

In order to make the ITHF World Ranking as detailed as possible ITHF wants as many people and table hockey communities as possible to report tournaments. Another reason is that it would be easier for a table hockey player to find a new table hockey environment if he/she is moving to another town or another country. Therefore ITHF is asking every table hockey organizer to report your tournaments to ITHF.

5.4 Calendar of events

On the WR website www.ithf.info/ranking, there is also a Calendar of events.
All Level 1 - 4 tournaments should be included in this list.
Assistance in compiling this list would be appreciated.