

Research-Field Hockey:

An Overview of Field Hockey:

- **How many players a team consists of?**

Field hockey is a team sport with 10 players on the field, excluding the goalkeeper. There are 5 substitutes on the bench and there is no limit to the number of times a player can be substituted.

- **The various actions that can occur in field hockey:**

At what time interval was there a hit to the goal box, only from inside the striking circle, attempted by a player was the goal successful or not.

- If a shot on goal that would have gone in the cage is stopped illegally and a stroke

- A goal could be disallowed for various reasons

Since players are only allowed to use the flat side of the stick to touch the ball (failure to do so leads to a foul), where and at what time interval did the foul occur.

- If the foul was caused by the opposition in their striking circle, a penalty corner should take place

- During penalty corners it is possible for the opposition to be offside, the time interval and player of the offence should be recorded

- If the foul was outside the circle a free hit should occur, and the time interval as well as the player who committed the foul should be recorded.

Should the foul or offence be bad enough, one of 3 cards would be issued, green, yellow, red. When this occurs, the time interval, player who committed the offence and the type of card should be recorded. The green card is used for warnings, the yellow card is used to remove a player from the game for a minimum of five minutes, and the red card disqualifies the player from the game (leaving the team with 10 players including the goalkeeper).

When a player is substituted or injured, the time interval, the player off the field, as well as the player who got on to replace the player off the field should be recorded.

In games that require a winner to advance to the next round (which are essentially all games in the tournament), if the score is tied after regulation, extra time of two, 7 1/2 minute periods is played. The games are ended when one team scores a goal. If the

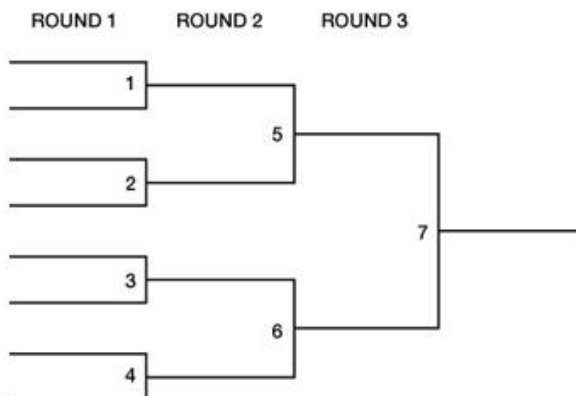
score remains tied after overtime, penalty strokes may be used to determine the winner. In penalty stroke competition, each team selects five players to take alternating penalty strokes against the opposing goalkeeper.

- **Location & date-time metadata associated with your sport:**

The location and date/time of the matches.

- **Tournament structure:**

The tournament structure that we will be following is a Single-Elimination/Knockout tournament starting with 8 teams. In the first round of a knockout tournament each team is paired with another team to play a match against and the loser of each match is immediately eliminated from the tournament, whereas the winner of each match will move on to the next stage/round, until the final round. The winner of the final match is the overall winner of the tournament.



- **Entities identified so far:**

Tournaments, Round/Stage of the tournament, Matches, Teams, Actions per match.

1. Friendly matches

- a. Opposing teams names
- b. Opposing teams location(where they are coming from)
- c. Match location and time
- d. Name of coaches, team players and substitutes as well as possible staff members
- e. Name of opposing team captains
- f. Availability of doctors
- g. Submission of medical reports

Friendly match structure, a max of 11 players from each team must take part in the match at any given time during the match, opposing teams must wear different coloured shirts to distinguish themselves, each team may play with a goalkeeper wearing a different colour shirt.

Match consists of two halves, usually 35 minutes each, and begins with a pass back (a non-defended pass from one teammate to another at mid-field)

Substitution is permitted at any time except within the period from the award of a penalty corner until after it has been completed, there is also no limit to the number of players to be substituted at the same time, substitutions are only allowed after that player has left the field.

Captains

Captains need to be assigned to one player in each team, a replacement must be appointed upon suspension of a captain, to distinguish players from captains, they must wear a distinctive arm-band

1. One player of each team must be appointed as captain.
2. A replacement captain must be appointed when a captain is suspended.
3. Captains must wear a distinctive arm-band or similar distinguishing article on an upper arm or shoulder or over the upper part of a sock.
4. Captains are responsible for the behaviour of all players on their team and for ensuring that substitutions of players on their team are carried out correctly.

A personal penalty is awarded if a captain does not exercise these responsibilities.

More of match rules

(http://fih.ch/media/13523568/fih-rules-of-hockey-jan2022-final-updated_001.pdf)

2. Tournament matches

- a. Opposing teams names
- b. Opposing teams location(where they are coming from)
- c. Match location and time
- d. Name of coaches, team players and substitutes as well as possible staff members
- e. Name of opposing team captains
- f. Availability of doctors
- g. Submission of medical reports

Teams

1. Only 11 players will be on the field of play at the commencement of the match
2. Up to 7 players will start on the team bench (unless one or more players has or have been suspended for that match in which case the relevant player(s) should be included on the form but marked S(substitute))

During matches

1. The Umpires(referees) start and re-start the match; they also signal to the Technical Officials on duty every time stoppage they order and the subsequent re-start
2. The Umpires (referees) enforce all laws and regulations during the match
3. (H) There are two umpires, one along each sideline for every match.

Substitution

1. Substitution takes place as specified in the Rules of Hockey from the players named in the Match Report.
2. Substitution takes place under the supervision of the Technical Officer on duty.
3. After leaving the field of play having been substituted, a player must immediately go to the team bench.
4. Team Managers are responsible for the proper application of the procedures

Cruzer's Research - Recordable equipment

1. Player equipment

- a. Shafts
- b. Electrical tape
- c. Grip
- d. Mouthguard
- e. Shin guards
- f. Long socks and rash guards
- g. Helmet
- h. Throat protector
- i. Neck protector
- j. Pelvic protector
- k. Turfs/Cleats

2. Goalie equipment

- a. Helmet

- b. Throat protector
- c. Chest pad
- d. Arm and elbow protection
- e. Right- and left-hand protection
- f. Goalie girdles
- g. Leg guards
- h. Kickers

3. Field equipment

- a. Field Hockey Ball
- b. Field Hockey net

Links used:

<https://www.svsports.com/blogs/resources/field-hockey-equipment-list>

https://ncaaorg.s3.amazonaws.com/championships/sports/fieldhockey/rules/2021PRWFH_RulesModifications.pdf

<https://www.youtube.com/watch?v=uAhJZDUflrc>

<https://www.myactivesg.com/sports/hockey/how-to-play/hockey-equipment/what-equipment-is-needed-to-play-hockey>

<http://www.fih.ch/media/12944421/180411-world-cups-2018-tournament-regulations.pdf>

Carey - Basic Field Hockey 101 Rules and Regulations (so we all get wtf is going on)

Basic Field Hockey Rules

- 1. You may only use the flat side of your stick.
- 2. You must be properly attired – shin guards, mouth guards, no jewellery, knee pads if necessary , etc.
- 3. 10 field players plus a goalie play at one time. (Depending on type of hockey level, primary, highschool, varsity or international level)
- 4. The field hockey game lasts for two 30 minute halves. (Again Depends)
- 5. Substitutions – the field player must exit the field at the 50, only then can the new player step onto the field.
- 6. The ball cannot go in the air, especially on free hits. This is judged by the discretion of the ref. The exception is a shot on goal, as long as there is not a player in the direct line of the ball and no one is in harm's way.
- 7. **Self –start.** When taking a hit into the circle, whether it is a free hit or long hit, you cannot directly hit into the circle. You must pass the ball first or carry the ball for 5 yards before hitting the ball into the circle. For free hits anywhere else on the field, you may either:take a direct hit, pass to one of your players, or carry the ball for 3 yards before hitting it.
- 8. Any time a foul occurs in either team's circle, a corner hit will be called.

Fouls

- 1. The ball cannot hit your feet.

- 2. You cannot raise your stick above your waist during regular play. If you are taking a free hit, it is up to the discretion of the ref.
- 3. You cannot tackle (go for the ball) from behind. You must face your opponent head on (shoulder to shoulder) if you are fighting for the ball.
- 4. No third party. It is one vs. one at all times. Once another player tries to go for the ball, a foul is called.
- 5. Obstruction – when your back is turned to another player and you are between the ball and that player.

For more info, open these 2 PDFs, there's a visual representation and a summarised basic rules that might not have been previously covered.

1. http://www.burkeathleticclub.org/_files/field-hockey/Field%20Hockey%20Basic%20v2.pdf - **VISUAL REPRESENTATION**
2. <https://prfieldhockey.com/wp-content/uploads/2010/05/Basic-Field-Hockey-Rules.pdf> - **SUMMARISED BASIC RULES**

References

1. <https://olympics.com/en/news/field-hockey-rules-how-to-play#:~:text=How%20many%20players%20in%20hockey,commonly%20known%20as%20rolling%20substitution>
2. <https://www.longstreth.com/field-hockey/field-hockey-umpires.asp#:~:text=There%20are%20three%20cards%2C%20green,the%20player%20from%20the%20game>
3. <http://www.sportsdb.org/sd>
4. http://fs.ncaa.org/Docs/stats/Stats_Manuals/FH/FH_Stats_Man.pdf
5. <https://www.voorhees.k12.nj.us/Page/32621>
6. https://www.teamusa.org/-/media/USA_Field_Hockey/2020-Documents/FH101_2020.pdf
7. <https://www.momsteam.com/sports/field-hockey/the-sport/field-hockey-the-rules#:~:text=A%20field%20hockey%20match%20consists,more%20goals%20than%20the%20opposition>
8. <https://www.teamusa.org/usa-field-hockey/usa-field-hockey-101>
9. <https://artsandculture.google.com/entity/single-elimination-tournament/m03rw9x?hl=en>

10.

Hockey Field Pitch

The pitch is 91.4 m long and 55m wide. A centre line splits the pitch in two halves. The two halves are further divided into two parts by two lines that are 22.9m from the centre line. This divides the pitch into 4 equal parts.

From each backline are semi circles drawn with solid lines and a radius of 14,63 m. These to circle halves are the striking circles. A second pair of semi circles is drawn with dashed lines outside the semi circles mentioned earlier and the radius of these circles 5m.

The penalty spot is 6.475m from the baseline on each end of the pitch. Defenders and attackers position themselves 4,97 and 9,975m away from the baseline. Each striking circle has 4 such points on the baseline known as the penalty corner and defender's and attacker's marks. Attackers may take a take up position at the long corner attackers mark which is 23m from the baseline.

Each goal post is positioned in the goal area which is in the striking circles. A goal post is white and 2.14m high and 0.3m wide.

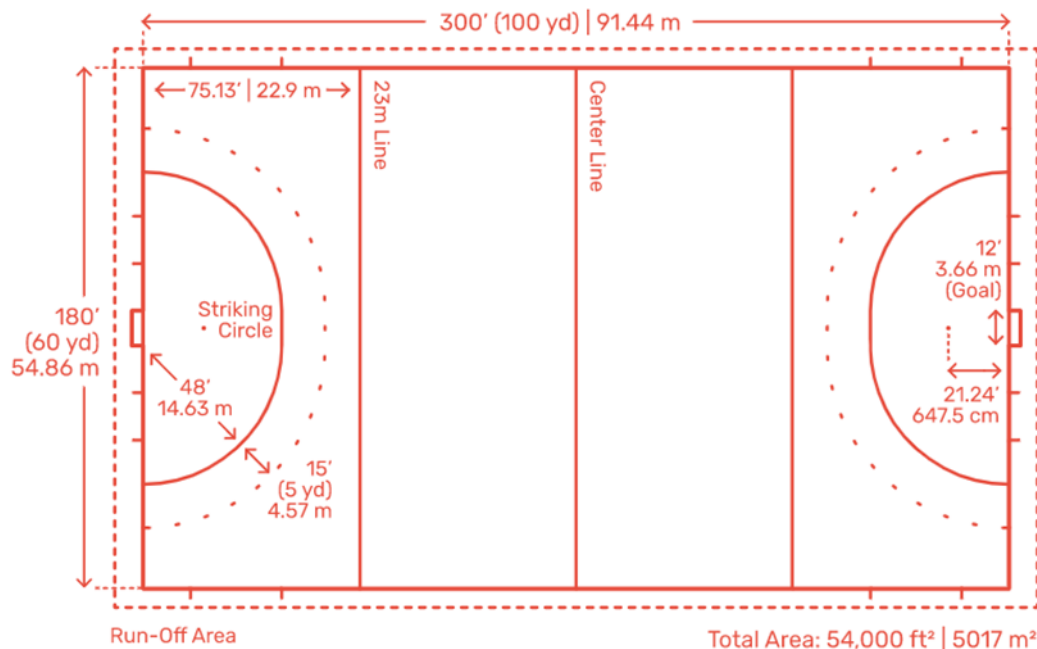


Image source: <https://www.dimensions.com/element/field-hockey-pitch>

<https://safacts.co.za/how-to-become-a-field-hockey-umpire-in-south-africa/>

<https://www.dlgsc.wa.gov.au/sport-and-recreation/sports-dimensions-guide/hockey#:~:text=The%20pitch%20on%20which%20field,m%20long%20and%2055m%20wide.>

