

Welcome to the World Handicap System

2024 Rules of Handicapping Seminar



2024 Principal Changes

- Authorized Formats of Play
- Pre-Registration
- Playing by the Rules of Golf
- Course Handicap Calculation
- Treatment of 9-hole scores
- Score used when hole not played
- Playing Conditions Calculation
- 4BBB Scores
- Handicap Review reporting tools
- Standardization of Par





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Authorized Formats of Play (Rule 2.1a)



Format of Play	Type of Round	Nu	ımber	of Ho	les
Individual Stroke play	Organized competition	9	>	18	~
	General play	9	/	18	/
	Stableford - organized competition	9	\	18	/
	Stableford - general play	9	<	18	/
	Par / bogey - organized competition	9	/	18	/
	Par / bogey - general play	9	\	18	~
	Maximum Score - organized competition	9	~	18	~
	Maximum Score - general play	9	>	18	~

NOTE: All 9-hole and 18-hole individual stroke play formats of play are now mandatory for handicap purposes.



Pre-Registration (Rule 2.1a (iii))

Players are required to pre-register their intent to submit a score in general play for handicap purposes.

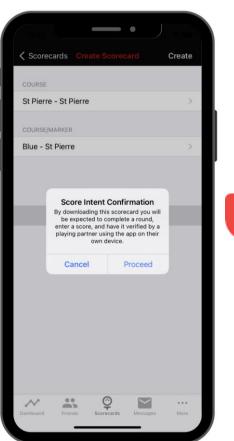
Such pre-registration must be made:

- Before the player starts the round, and
- In the manner prescribed by the Handicap Committee.

Recommend making the registration process as easy as possible

A player can be considered to have pre-registered their intent to submit a score if playing in a regular, organized event with other players.









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Pre-Registration (Rule 2.1a (iii))

If a player registers their intent to submit an 18-hole score and plays more than 9 holes, but less than 18 - the score is only acceptable for handicap purposes if:

- the minimum number of holes were completed, and
- the reason for failing to complete the round was valid.

Otherwise, the score is not acceptable.

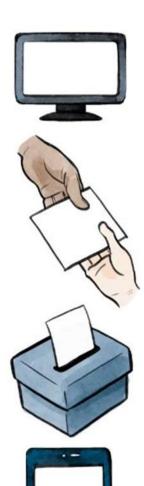
Likewise, if the player pre-registers their intent to submit a 9-hole score, they can only submit a 9-hole score, even if all 18 holes are played.





When to Submit Score

- No distinction between different formats of play (competition versus general play)
- No limits on amount of general play scores at any level (other safeguards in place to manage concerns)
- Scores which are not automatically submitted by the organizing entity (e.g. society or league) must be submitted by player
- Where a players fails to comply with the procedures set out,
 the Handicap Committee should act







Playing by the Rules of Golf (Rule 2.1b)



Where a player has breached the *Rules of Golf* in *general play* and knowingly failed to apply the correct penalty, the score should not generally be accepted for handicap purposes. However, depending on the circumstances, the Committee has the discretion to produce an *acceptable score* by:

- Recording the actual score for the hole, or
- Adjusting the hole score using net double bogey, or
- Applying a score of net par.





Calculation of a Course Handicap (Rule 6.1)



Course Handicap Calculation will now include the difference between Course Rating and Par as part of the calculation.

The same calculation format will also be used for 9-hole rounds.



Calculation of a Course Handicap (Rule 6.1)



Your target score is the gross score needed to "play to your handicap." Since your Course Handicap changes from each set of tees, so does your target score.

Target Score

Par + Course Handicap



	Course Info	rmation		
Tees	Course Rating	Slope Rating	Par	
Green	72.0	128	70	
White	70.0	125	70	
Silver	68.0	120	70	

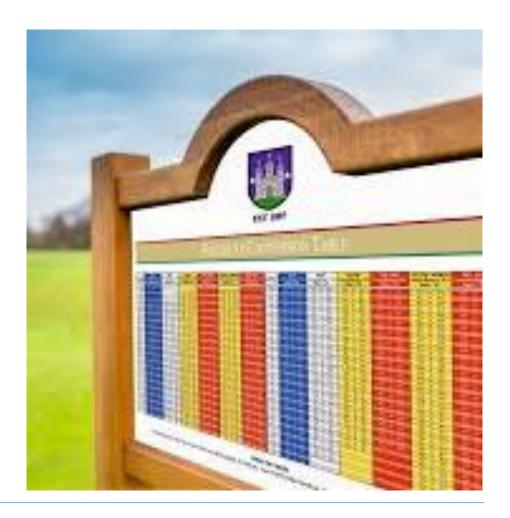
15.0 Handicap Index Player	
Course Handicap	
19	=
17	=
14	=

	Target Score
=	89
=	87
=	84



What does this mean for the club?

- Course Handicap lookup charts will need to be changed
- Charts on scorecards
- Consider the options here
 - Apps
 - QR Codes
 - New Board
 - Smaller solution
 - Future proof





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Calculation of an 18-hole Score Differential from a 9-hole Score (Rule 5.1b)



Under the 2024 Rules, an 18-hole Score Differential can be created for immediate use by <u>combining</u> the 9-hole Score Differential for the 9 holes played with the player's <u>expected</u> <u>score</u> over 9 holes.

Definition of an 'Expected Score'



Expected Score

The score a player is expected to achieve over a specified number of holes on a course of standard difficulty. It is calculated using the player's Handicap Index and attributes a numerical value against any hole or holes not played during a round.



Procedure for Calculating a Score Differential using an Expected Score (Clarification 3.2b/1)



The calculation of an expected score is automated and is used to attribute a statistical value against the holes not played, so that an 18-hole Score Differential can be calculated, subject to other provisions set out within the Rules of Handicapping.

The procedure for calculating an 18-hole Score Differential using an expected score can be summarized as follows:

- 1. An expected Score Differential for the 9 holes not played is calculated, based on a given Handicap Index and a course of standard difficulty.
- 2. A 9-hole Score Differential for the 9 holes played is calculated using the player's actual scores and the rating value of the holes played.
- 3. The Score Differential from the holes played is combined with the expected Score Differential to produce an 18-hole Score Differential.



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Combining 9-hole Score with an Expected Score Example Calculation for 9 holes played



Sunnyside Golf Club

Bronze Tees Course Rating (F9): 36.0 (B9): 36.4 9-hole Slope Rating (F9): 125 (B9): 126

Name of Player: Jane Smith

Course Handicap: 16

Hole					5					
Par		4			3					36
S.I.	7	13	3	9	15	1	11	5	17	
Score										

Calculation of 9-hole Score Differential

(113 ÷ 9hole Slope Rating)

$$(113 \div 125)$$

(9-hole par + 9-hole CH -(points scored - 18) - 9hole Course Rating)



Combining 9-hole Score with an Expected Score Example Calculation for 9 holes played



First 9-hole Score Differential

$$= (113 \div 125) \times (42 - 36.0)$$

$$= 5.42$$

Expected Score

Uses Player Equation for player with the same Handicap Index played over a course of standard difficulty.

The 18-hole Score Differential is calculated by combining the first 9-hole Score Differential from the 9-holes played with the expected Score Differential for the hole or holes not played (calculated based on a given Handicap Index and a course of standard difficulty).



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Combining 9-hole Score with an Expected Score Example Calculation for 9 holes played



Sunnyside Golf Club

Bronze Tees Course Rating (Front 9): 36.0 9-hole Slope Rating: 125

Name of Player: Jane Smith

Course Handicap: 16

Hole										Out
Par	4	4	5	4	3	5	4	4	3	36
	7	13	3	9	15	1	11	5	17	
Score	4	5	6	5	3	5	6	4	4	
Pts.		2								! !

Calculation 9-hole Score Differential

X

 $(113 \div 125)$

(9-hole par + 9-hole CH - (points scored - 18) - 9-hole Course Rating)

$$(36 + 9 - (21 - 18) - 36.0)$$

First 9-hole score differential

5.42

Expected 9-hole score differential



9.52

Equivalent 18-hole score differential

14.9



Player Equation - Different H.I. Example 1



Twin Pines Golf Club / Front 9 / Silver Tees Course Rating: 36.0 / Slope Rating: 118

Adjusted Gross Score of <u>42</u> produces a 9-hole Score Differential value of <u>5.42</u>

Player A: Handicap Index – 4.0

Hole	1	2	3	4	5	6	7	8	9	Out
Par	4	4	5	4	3	5	4	4	3	36
S.I.	7	13	3	9	15	1	11	5	17	
Score	4	5	6	5	3	5	6	4	4	42

18-hole Score Differential: 8.7

Player B: Handicap Index – 10.0

Hole	1	2	3	4	5	6	7	8	9	Out
Par	4	4	5	4	3	5	4	4	3	36
S.I.	7	13	3	9	15	1	11	5	17	
Score	5	5	5	6	2	6	3	6	4	42

18-hole Score Differential: 11.8

Player C: Handicap Index – 16.0

Hole	1	2	3	4	5	6	7	8	9	Out
Par	4	4	5	4	3	5	4	4	3	36
S.I.	7	13	3	9	15	1	11	5	17	
Score	6	4	4	5	4	6	5	5	3	42

18-hole Score Differential: 14.9



Player Equation – Different H.I. Example 2



The Links Golf Course / Front 9 / Green Tees Course Rating: 34.0 / Slope Rating: 113

Adjusted Gross Score of <u>56</u> produces a 9-hole Score Differential value of <u>22.0</u>

Player A: Handicap Index – 34.0

Hole	1	2	3	4	5	6	7	8	9	Out
Par	4	4	5	4	3	5	4	4	3	36
S.I.	7	13	3	9	15	1	11	5	17	
Score	6	6	チ	6	5	8	6	チ	5	56

18-hole Score Differential: 40.9

Player B: Handicap Index – 42.0

Hole	1	2	3	4	5	6	7	8	9	Out
Par	4	4	5	4	3	5	4	4	3	36
S.I.	7	13	3	9	15	1	11	5	17	
Score	8	6	チ	6	5	6	チ	チ	4	56

18-hole Score Differential: 45.0

Player C: Handicap Index – 50.0

Hole	1	2	3	4	5	6	7	8	9	Out
Par	4	4	5	4	3	5	4	4	3	36
S.I.	7	13	3	9	15	1	11	5	17	
Score	チ	5	チ	6	6	9	6	6	3	56

18-hole Score Differential: 49.2



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When a Hole is Not Played (Rule 3.2b)



An expected score will also be used when a hole has not been played.

This is an automatic process carried out by the software and clubs and committees are not expected to calculate this manually.





When a Hole is Not Played (Rule 3.2b)

A score from a round or when one or more holes have not been played may only be used for handicap purposes if, among other things:

- the round has been played over at least the minimum number of holes required for either a 9-hole or an 18hole score to be acceptable, and
- the reason for not completing the round was valid.

The 2024 Rules include stronger guidance on what is a valid or invalid reason for not completing a round.





When a Hole is Not Played (Rule 3.2b)



Valid reasons for not finishing a round or playing a hole might include:

- Fading light or weather preventing the continuation of play,
- Player injury or illness,
- The course being played has fewer than 9 or 18-holes because:
 - A hole (or holes) has been declared out of play by the Committee for maintenance or reconstruction purposes, or
 - The Committee has organized a competition over a non-standard number of holes, for example during the winter months.
- Any other situations considered reasonable by the Committee.





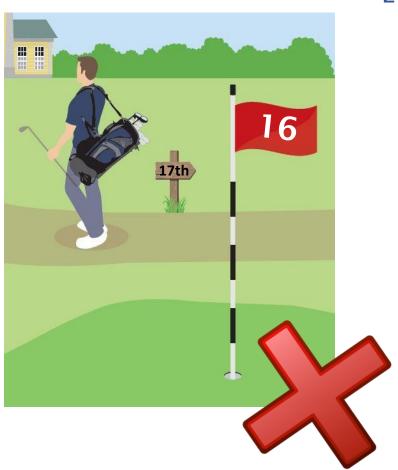
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When a Hole is Not Played (Rule 3.2b)



Invalid reasons might include:

- Weather that does not prevent the continuation of play.
- Not playing a particular hole on a golf course because the player knows it usually causes them difficulty and they are likely to return a high hole score.
- Not playing the final holes on a golf course in order to avoid submitting a high score (if playing badly) or a low score (if playing well).
- Any other situations considered unreasonable by the Committee.





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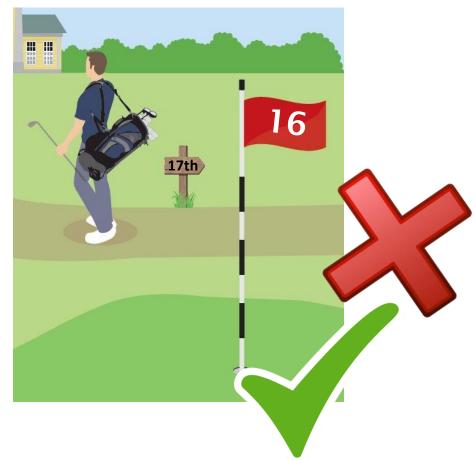
When a Hole is Not Played (Rule 3.2b)



Where the Handicap Committee determines that the player's reason for not playing one or more holes is considered invalid, the score is not acceptable for handicap purposes.

Handicap Committee may consider posting a penalty score to the player's scoring record.

However, if one or more holes has not been played for a valid reason, a 9-hole or 18-hole Score Differential will be created using their **expected score** for the hole or holes not played.





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Incomplete 18-hole Round with an Expected Score Example Calculation for 16 holes played



Sunnyside Golf Club

Bronze Tees Course Rating (F9): 36.0 (B9): 36.4 9-hole Slope Rating (F9): 125 (B9): 126

Name of Player: Jane Smith

Course Handicap: 16

Hole	1	2	3	4	5	6	7	8	9	Out	
Par	4	4	5	4	3	5	4	4	3	36	
Yards	384	337	518	398	180	502	365	387	138	3209	
S.I.	7	13	3	9	15	1	11	5	17		
Score	4	5	6	5	3	5	6	4	4	42	
L	÷		÷	·							
Hole	10	11	12	13	14	15	16	17	18	In	Total
Hole Par	10 4	11 4	12 3	13 5	14	15 3	16 5	17 4	18	In 36	Total 72
			 		<u> </u>			<u> </u>	<u> </u>		
Par	4	4	3	5	4	3	5	4	4	36	72



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Incomplete 18-hole Round with an Expected Score Example Calculation for 16 holes played



Sunnyside Golf Club

Bronze Tees Course Rating (F9): 36.0 (B9): 36.4 9-hole Slope Rating (F9): 125 (B9): 126

Name of Player: Jane Smith

Course Handicap: 16

Hole	1	2	3	4	5	6	7	8	9	Out	
Par	4	4	5	4	3	5	4	4	3	36	
Yards	384	337	518	398	180	502	365	387	138	3209	
S.I.	7	13	3	9	15	1	11	5	17		
Score	4	5	6	5	3	5	6	4	4	42	
	÷										
Hole	10	11	12	13	14	15	16	17	18	ln	Total
Hole Par	10 4	11 4	12 3	13 5	14	15 3	ļ	17 4	18	In 36	Total 72
				 		ļ	ļ	<u> </u>			
Par	4	4	3	5	4	3	5	4	4	36	

To create an 18-hole Score Differential, we split the round into holes played and holes not played:

Score Differential from 16 holes played

16-hole Score Differential

?

Expected Score Differential for 2 holes not played

Expected Score Differential

?



Incomplete 18-hole Round with an Expected Score Example Calculation for 16 holes played



Sunnyside Golf Club

9-hole Slope Rating (F9): **125** (B9): **126** Bronze Tees Course Rating (F9): **36.0** (B9): **36.4**

78

Name of Player: Jane Smith

Course Handicap: 16

S.I.

Score

8

5

12

5

18

4

4

6

Hole	1	2	3	4	5	6	7	8	9	Out	
Par	4	4	5	4	3	5	4	4	3	36	
Yards	384	337	518	398	180	502	365	387	138	3209	
S.I.	7	13	3	9	15	1	11	5	17		
Score	4	5	6	5	3	5	6	4	4	42	
Hole	10	11	12	13	14	15	16	17	18	In	
Par	4	4	3	5	4	3	5	4	4	36	
Yards	322	283	165	491	400	144	521	377	390	3093	

10

5

16

4

2

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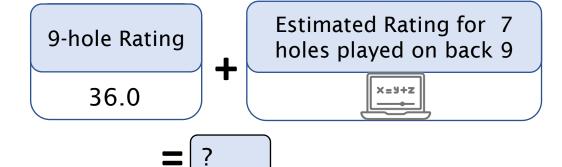
6

X

14

X

For the 16 holes played, we calculate an estimated Rating - which includes the actual 9-hole Rating:



We also estimate the Slope Rating of the 16 holes played:

Finally - we calculate the adjusted gross score for the holes played:

78



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Incomplete 18-hole Round with an Expected Score Example Calculation for 16 holes played





The procedures for creating the estimated course and slope ratings is automated and clubs/committees are not required to carry out these calculations

For the holes that do not make up part of a rated 9, the estimated rating is based on what we know about the holes played:

No. Holes Played Hole Length Played Course Rating information [Par]

The estimated slope is calculated using a weighted average.



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Incomplete 18-hole Round with an Expected Score Example Calculation for 16 holes played



Sunnyside Golf Club

Bronze Tees Course Rating (F9): **36.0** (B9): **36.4** 9-hole Slope Rating (F9): **125** (B9): **126**

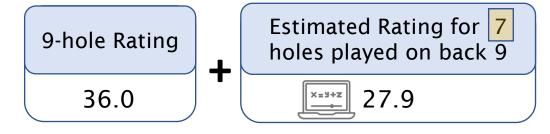
Name of Player: Jane Smith

Course Handicap: 16

Hole	1	2	3	4	5	6	7	8	9	Out
Par	4	4	5	4	3	5	4	4	3	36
Yards	384	337	518	398	180	502	365	387	138	3209
S.I.	7	13	3	9	15	1	11	5	17	
Score	4	5	6	5	3	5	6	4	4	42
	1								T	

Hole	10	11	12	13	14	15	16			ln	
Par	4			5		3		4	4	36	72
Yards	322	283	165	491	400	144	521	377	390	3093	6302
	8	12	18	4	10	16	2	6	14		
Score											78

For the 16 holes played, we calculate an estimated Rating – which includes the actual 9-hole Rating:



Next, we estimate the Slope Rating of the 16 holes played:

63.9

125.4375

Finally – we calculate the adjusted gross score for the holes played:





Incomplete 18-hole Round with an Expected Score Example Calculation for 16 holes played



Estimated Course Rating For 16 holes played

Estimated Course Rating



63.9

Estimated Slope Rating For the 16 holes played

Estimated Slope Rating



Score from 16 holes played

Adjusted Gross Score

78

We then calculate a Score Differential for the 16 holes played:

X

(Adjusted gross score - estimated Course Rating)

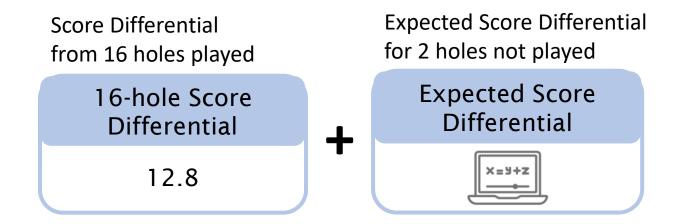
$$(78 - 63.9)$$



Incomplete 18-hole Round with an Expected Score Example Calculation for 16 holes played



We now need to add an expected score differential for the 2 holes not played:





Incomplete 18-hole Round with an Expected Score Example Calculation for 16 holes played



Sunnyside Golf Club

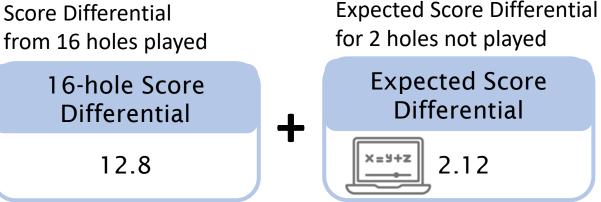
Bronze Tees Course Rating (F9): **36.0** (B9): **36.4** 9-hole Slope Rating (F9): **125** (B9): **126**

Name of Player: Jane Smith

Course Handicap: 16

Hole	1	2	3	4	5	6	7	8	9	Out
Par	4	4	5	4	3	5	4	4	3	36
Yards	384	337	518	398	180	502	365	387	138	3209
S.I.	7	13	3	9	15	1	11	5	17	
Score	4	5	6	5	3	5	6	4	4	42

 30016
from
 Total
 72



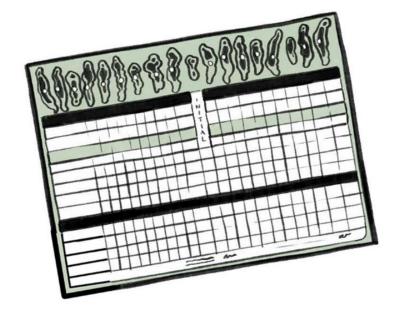


Designation of Holes Not Played (Clarification 3.2b/3)



Where one or more holes have not been played during the round and the player is not required to submit an adjusted gross score, the player must submit hole-by-hole scores and designate which holes were not played as prescribed by the Authorized Association.

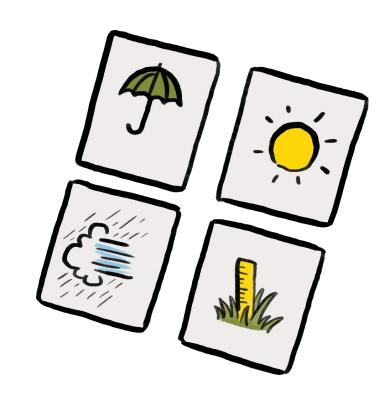
This is to ensure that all of the procedures set out within the Rules of Handicapping can be carried out accurately, including the calculation of the expected score for the hole or holes not played.





A Recap on Playing Conditions Calculation (Rule 5.6)

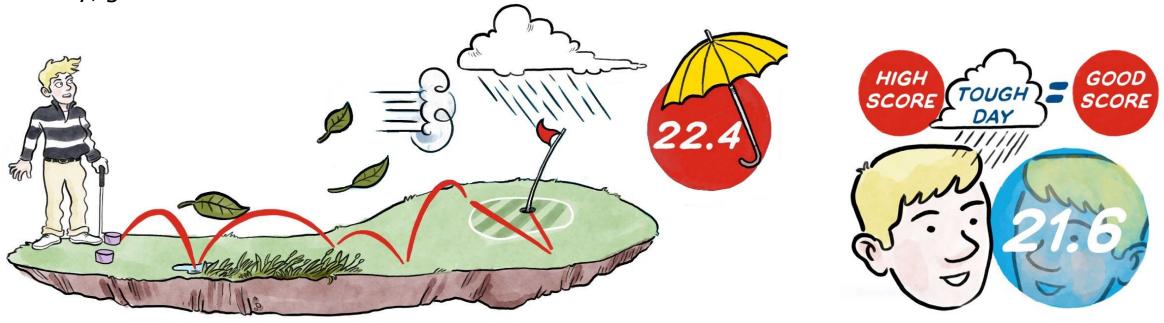
- The purpose of the PCC is to detect when the playing conditions have a significant impact on player performance.
- This is done through analysis of the scores that are submitted on the day, on a specific golf course – which could be as expected, higher or lower, depending on those conditions.
- Abnormal playing conditions can be caused by weather and/or course set-up.





A Recap on Playing Conditions Calculation (Rule 5.6)

This means that a high score on a tough day may still count as a good score, and be used in the calculation of a player's updated Handicap Index (one of the best 8). Any adjustment for PCC is included in the score differential calculation, to better reflect the player's actual performance on the day, given the conditions.





Playing Conditions Calculation (Rule 5.6)

- The PCC is a statistical procedure that compares all eligible scores submitted on the day
 against expected scoring based on the make up of the field (number of players and ability).
- Each player has an expected scoring range based on their Handicap Index, and:
 - If significantly fewer players than anticipated attain their expected score, conditions are determined to be harder than normal.
 - If significantly more players than anticipated attain their expected score, conditions are determined to be easier than normal.
- The adjustment (which can range between -1 and +3) is based on the amount needed to
 move enough players into the expected scoring range, and it is applied to everyone who
 submitted a score (or scores) on that day.
- As the calculation of the PCC is proprietary, full details are not in the public domain.



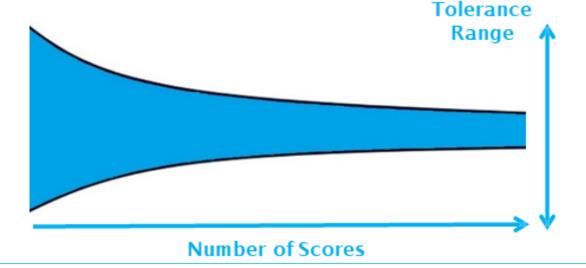
Playing Conditions Calculation (PCC)

Because the PCC is based on a comparison between the *actual* number of players that score within a defined tolerance range, and the number of players that are *expected* to score within the same range, the size of the field is a key factor in the calculation.

• The more scores that are submitted on a given day, the smaller the tolerance needs to be to have confidence in the PCC result.

• The fewer the number of scores that are submitted on the day, the bigger the tolerance

needs to be.

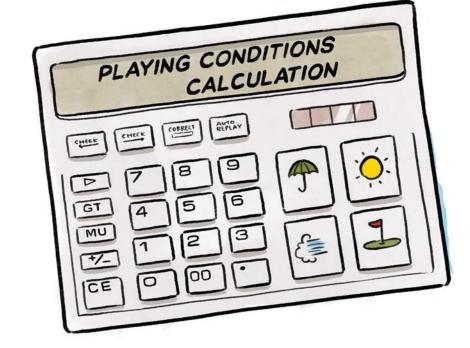




Playing Conditions Calculation (PCC)

The PCC:

- Is generally performed only once for a day
- Considers all acceptable scores submitted on a golf course (all formats, competitive & recreational, 9 & 18 holes)
- Requires at least eight acceptable scores submitted by players with a Handicap Index of 36.0 or below
- Is automatically applied within the calculation of score differentials for all players





Individual Scores from Four-Ball Formats (Rule 5.10)



- Discretion available to Associations that do not currently accept Four-Ball formats
- To review 18-hole, Four-Ball competition scores
- To post a score to an individual player's scoring record, provided following conditions are met:
 - Team returns a net score of at least 6 better than par; 42 points
 - Individual player's score counts at least 9 times
 - Player's individual calculated score is ≥ 36 points





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Individual Scores from Four-Ball Formats (Rule 5.10)



- An individual player's score is calculated using the following procedure:
 - When the player's score counts, they receive those points
 - When the player's score does not count, they receive 1½ points except that:
 - If their partner only scores 1 point, they only score 1 point
 - ➤ If their partner scores zero points, they only score zero points.
 - The player score is then added to the difference in the course handicap and the playing handicap used.

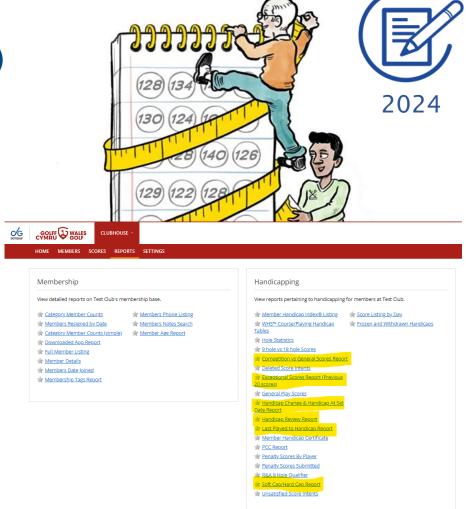
Player's score is rounded to the nearest whole number.





Handicap Review Procedure (Rule 7.1a(i))

- The Handicap Committee plays a vital role in the successful administration of a player's Handicap Index
- Strongly recommended that the Handicap Committee conducts a handicap review at least once a year, for all players for which it is responsible
- A consistent, objective approach is important
- New recommended reports, will be available local software.
- Reports will identify players who are consistently scoring above or below expectation - or where anomalies exist.





Handicap Review

The review can also involve analysis of any or all of the following information:

Deviations from the expected scoring performance for the player.

The trend of the player's

Handicap Index
differences in player's

Handicap Index over last

12months/24 months.

The player's scoring record history.

score differentials between competitive and casual rounds.

Any scores from, or performances known, in non-authorized formats of play.

Frequency of score submissions in last 12 months v previous 12-month cycles.

% of acceptable scores submitted at a player's home club.

% of acceptable scores from 9-hole rounds.



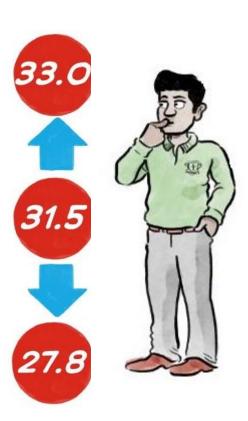
Handicap Review - Applying the Adjustment

Whether to apply any adjustment remains solely at the discretion of the Handicap Committee after taking into consideration the process driven recommendation <u>AND</u> any other knowledge the Committee has relating to the player's demonstrated ability.

Once the Handicap Committee has considered all available information, they can consider the appropriate Handicap Index adjustment for the player.

The adjustment must satisfy the following criteria:

- Be a minimum of 1 full stroke; and
- Except in exceptional circumstance, only increase a player's Handicap Index by up to 5.0 strokes above their Low Handicap Index
- Where applicable, approval of Authorized Association (Discretionary)





Establishing Par (Appendix F)

It is recommended that par be established for each hole in accordance with the following hole lengths:

Par	Men	Women				
2	Up to 260 yards	Up to 220 yards				
3	(240 metres)	(200 metres)				
4	240 to 490 yards	200 to 420 yards				
4	(220 to 450 metres)	(180 to 380 metres)				
_	450 to 710 yards	370 to 600 yards				
5	(410 to 650 metres)	(340 to 550 metres)				
	670 yards and up	570 yards and up				
6	(610 metres and up)	(520 metres and up)				





Establishing Par (Appendix F)

Where appropriate, the standardization of par across tee sets is recommended.

For example, if the hole lengths from all sets of tees on a specific hole lie within the recommended par 5 range for men, with the exception of the forward tee at 410 yards, the forward tee should also be designated as a par 5 hole if it can be determined that it was designed to be played as a par 5 for the majority of players who will choose to play the hole from that tee.

Additional consideration may also be given to the set of tees most commonly played by men and women and the most common par, for men and women, across all sets of tees on a hole.





Thank you!

