GENERAL PERFORMANCE INDEX (GPI)
MARCH 2018

Date of Report: March 25th, 2018

Performance of the ATP tennists up to March 18th, 2018.

Rubén A. Báez

tennis top 10

GENERAL PERFORMANCE INDEX (GPI) OF 2018 SEASON - ATP TOP 30

INDEX

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Date of Report[1]: March 25, 2018
By *Rubén A. Báez*[2]

For the annual and monthly determination of the **GPI** (**G**eneral **P**erformance **I**ndex) it is considered the *"total number of players who have participated in the 2018 season"* or in the corresponding analysis period, regardless of whether this report only exposes the **Top 30** of the **ATP ranking**. That is, the **GPI** has been calculated for all the players who have played so far in the 2018 season, but only the **Top 30** are exposed. I make this clarification because the **GPI** of a tennis player is related to the **GPIs** of all the players of the total population that was considered for the calculations. And from that statistical population I only expose the **Top 30**.

The statistics used to calculate the annual **General Performance Index** (**GPI**)[3] come from:

    a) ATP World Tour 250, 500, 1000, Next Gen ATP Finals and Nitto ATP Finals Tournaments.
    b) Australian Open, Roland Garros, Wimbledon, US Open.
    c) Davis Cup.

So far in the 2018 season, the Korean **Hyeon Chung** is the tennis player with the best **General Performance Index** (GPI = 154,47), which is why, according to our studies, he is ranked **No. 1** in the **GPI ranking**.

As has already been explained in previous reports, the **GPI** calculation is carried out considering the performance of certain variables (Services, returns, break points, etc.). In this way, for each variable a **GPI** is calculated and then a **Total GPI** contemplates all the **GPIs** of those variables, determining the general performance of the player.

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[1] Report elaboration based on data from official Websites:
www.AustralianOpen.com
www.ATPWorldTour.com
www.DavisCup.com

[2] Tennis Instructor, Bachelor in Business Administration, Public Accountant, Post grade's degree in Finance Management and Capital Markets, MBA (IAE Business School, Austral University, Argentina).
[3] To know a little more about the meaning of the **General Performance Index** click here please.

It is like an academic average; the general average of a student is the average of the averages of the different subjects. Each subject has its average. In such a way that a tennis player will be able to perform better in the service, but not as well in the return, as an example. Those that are more regular and outstanding in the performance of the different variables will obtain a higher **General Performance Index**, consequently, they will have a better **GPI ranking** or performance ranking.

In the case of **Hyeon Chung**, he has been highlighted in (in parenthesis the **GPI ranking**):

- **General Performance Index** or **GPI** (1)
- Performance of the 1st Serve "in" [%] (1)
- Performance of the 2nd Serve 'in" [%] (2)
- Performance of the 1st Service Won (3)
- Performance of the 2nd Service Won (3)
- Performance of the Break Points Saved (2)
- Performance of the Break Points Won (2)
- Performance of the 1st Return Points Won (2)
- Performance of the 2nd Return Points Won (1)

It can be observed that, in the performance of the different evaluated aspects, **Chung** has remained within the top 3, giving as a result the No. 1 position in the **GPI ranking** so far this season.

Hyeon Chung hasn't yet won titles in this season, but his projection would indicate that at some point not too far away he will win his first **ATP** title. He has his youth in his favor and today is a dangerous opponent for anyone who must face him.

Other highlighted tennis players for the 2018 season are: **Dominic Thiem**, **Juan Martin Del Potro**, **Roger Federer**, **Kevin Anderson** and **Gael Monfils**. All of them with an excellent performance in this 2018, until now.

Next, the tables with the respective performance indexes of the **Top 30** of the 2018 season are shown.

tennis top 10

GENERAL PERFORMANCE INDEX → GPI Ranking - ATP Ranking

			(a)	(b)	(c)	(d)
Name	**Surname**	**Country**	**Played M.**	**ATP Rkn**	**GPI Rkn**	**GPI Index↓**
Hyeon	**Chung**	South Korea	21	**23**	**1**	154,47
Dominic	**Thiem**	Austria	21	**7**	**2**	151,62
Juan Martín	**Del Potro**	Argentina	20	**6**	**3**	148,59
Roger	**Federer**	Switzerland	18	**1**	**4**	143,85
Gael	**Monfils**	France	19	**42**	**5**	136,60
Kevin	**Anderson**	South Africa	18	**8**	**6**	131,17
Fabio	**Fognini**	Italy	19	**18**	7	131,01
Peter	**Gojowczyk**	Germany	18	**50**	**8**	122,27
Karen	**Khachanov**	Russia	17	**41**	9	119,10
Albert	**Ramos-Vinolas**	Spain	17	**24**	**10**	114,97
Lucas	**Pouille**	France	16	**10**	11	113,67
Nicolas	**Jarry**	Chile	17	**65**	**12**	113,56
Diego	**Schwartzman**	Argentina	17	**16**	13	111,15
Roberto	**Bautista Agut**	Spain	16	**15**	**14**	109,64
Borna	**Coric**	Croatia	15	**36**	15	108,27
Pablo	**Cuevas**	Uruguay	16	**40**	**16**	107,38
Adrian	**Mannarino**	France	16	**22**	17	106,68
Pierre-Hugues	**Herbert**	France	16	**81**	**18**	106,23
Leonardo	**Mayer**	Argentina	16	**45**	19	105,72
Robin	**Haase**	Netherlands	16	**44**	**20**	103,95
Grigor	**Dimitrov**	Bulgaria	15	**4**	21	103,77
Damir	**Dzumhur**	Bosnia and Herzegovina	16	**30**	**22**	103,73
Andrey	**Rublev**	Russia	16	**34**	23	103,05
Fernando	**Verdasco**	Spain	16	**39**	**24**	101,85
Marin	**Cilic**	Croatia	14	**3**	25	100,79
Evgeny	**Donskoy**	Russia	15	**88**	**26**	99,33
Ryan	**Harrison**	United States	15	**53**	27	99,02
Denis	**Shapovalov**	Canada	15	**46**	**28**	95,92
Feliciano	**Lopez**	Spain	14	**32**	29	95,55
Daniil	**Medvedev**	Russia	14	**52**	**30**	94,71

In the previous table, the meanings of the columns are:

a) Total number of games played (Won + lost) in the period of analysis,

b) Official ranking published weekly by the **ATP**. The ranking that has been taken in this report is the one corresponding to March 19th, 2018,

c) Ranking of the General Performance or **GPI Ranking** of tennis players in the period of analysis,

d) **General Performance Index** or **GPI** of the analysis period. Its ranking from highest to lowest determines the **GPI Ranking** exposed in point c).

This explanation is valid for the remaining frames.

tennis top 10

PERFORMANCE OF THE 1st SERVICE "IN" (%)

Name	Surname	Country	Played M.	ATP Rkn	GPI Rkn	1st Srv In GPI ↓
Hyeon	Chung	South Korea	21	23	1	134,32
Dominic	Thiem	Austria	21	7	2	132,69
Juan Martín	Del Potro	Argentina	20	6	3	130,76
Gael	Monfils	France	19	42	4	126,90
Kevin	Anderson	South Africa	18	8	5	119,89
Fabio	Fognini	Italy	19	18	6	116,74
Roger	Federer	Switzerland	18	1	7	111,97
Karen	Khachanov	Russia	17	41	8	110,14
Nicolas	Jarry	Chile	17	65	9	107,39
Roberto	Bautista Agut	Spain	16	15	10	106,78
Albert	Ramos-Vinolas	Spain	17	24	11	105,46
Adrian	Mannarino	France	16	22	12	102,11
Peter	Gojowczyk	Germany	18	50	13	100,69
Leonardo	Mayer	Argentina	16	45	14	100,59
Pablo	Cuevas	Uruguay	16	40	15	100,59
Fernando	Verdasco	Spain	16	39	16	100,48
Pierre-Hugues	Herbert	France	16	81	17	98,15
Borna	Coric	Croatia	15	36	18	98,05
Diego	Schwartzman	Argentina	17	16	19	98,05
Andrey	Rublev	Russia	16	34	20	97,54
Robin	Haase	Netherlands	16	44	21	96,93
Damir	Dzumhur	Bosnia and Herzegovina	16	30	22	96,12
Grigor	Dimitrov	Bulgaria	15	4	23	95,91
Evgeny	Donskoy	Russia	15	88	24	93,88
Ryan	Harrison	United States	15	53	25	92,86
Lucas	Pouille	France	16	10	26	92,76
Feliciano	Lopez	Spain	14	32	27	90,63
Denis	Shapovalov	Canada	15	46	28	86,57
Daniil	Medvedev	Russia	14	52	29	86,26
Marin	Cilic	Croatia	14	3	30	81,08

tennis top 10

PERFORMANCE OF THE 2nd SERVICE "IN" (%)

Name	Surname	Country	Played M.	ATP Rkn	GPI Rkn	2nd Srv In GPI ↓
Dominic	Thiem	Austria	21	7	1	130,29
Hyeon	Chung	South Korea	21	23	2	129,57
Juan Martín	Del Potro	Argentina	20	6	3	128,18
Roger	Federer	Switzerland	18	1	4	116,76
Fabio	Fognini	Italy	19	18	5	116,68
Kevin	Anderson	South Africa	18	8	6	115,08
Peter	Gojowczyk	Germany	18	50	7	112,04
Gael	Monfils	France	19	42	8	109,18
Karen	Khachanov	Russia	17	41	9	108,26
Diego	Schwartzman	Argentina	17	16	10	107,38
Albert	Ramos-Vinolas	Spain	17	24	11	106,15
Nicolas	Jarry	Chile	17	65	12	104,99
Robin	Haase	Netherlands	16	44	13	102,92
Roberto	Bautista Agut	Spain	16	15	14	102,43
Adrian	Mannarino	France	16	22	15	100,69
Lucas	Pouille	France	16	10	16	99,91
Leonardo	Mayer	Argentina	16	45	17	99,30
Damir	Dzumhur	Bosnia and Herzegovina	16	30	18	99,25
Pierre-Hugues	Herbert	France	16	81	19	97,60
Pablo	Cuevas	Uruguay	16	40	20	96,22
Evgeny	Donskoy	Russia	15	88	21	95,34
Borna	Coric	Croatia	15	36	22	94,62
Fernando	Verdasco	Spain	16	39	23	93,94
Ryan	Harrison	United States	15	53	24	93,90
Andrey	Rublev	Russia	16	34	25	90,94
Marin	Cilic	Croatia	14	3	26	89,94
Feliciano	Lopez	Spain	14	32	27	88,42
Denis	Shapovalov	Canada	15	46	28	88,07
Grigor	Dimitrov	Bulgaria	15	4	29	87,64
Daniil	Medvedev	Russia	14	52	30	85,12

PERFORMANCE OF THE 1st SERVICE POINTS WON

Name	Surname	Country	Played M.	ATP Rkn	GPI Rkn	1st Srv Won GPI ↓
Dominic	Thiem	Austria	21	7	1	137,42
Juan Martín	Del Potro	Argentina	20	6	2	131,28
Hyeon	Chung	South Korea	21	23	3	128,51
Roger	Federer	Switzerland	18	1	4	123,85
Kevin	Anderson	South Africa	18	8	5	122,62
Peter	Gojowczyk	Germany	18	50	6	118,09
Gael	Monfils	France	19	42	7	116,84
Karen	Khachanov	Russia	17	41	8	112,41
Nicolas	Jarry	Chile	17	65	9	112,10
Fabio	Fognini	Italy	19	18	10	110,09
Lucas	Pouille	France	16	10	11	105,36
Pierre-Hugues	Herbert	France	16	81	12	104,85
Albert	Ramos-Vinolas	Spain	17	24	13	104,49
Leonardo	Mayer	Argentina	16	45	14	103,70
Pablo	Cuevas	Uruguay	16	40	15	103,15
Diego	Schwartzman	Argentina	17	16	16	102,87
Fernando	Verdasco	Spain	16	39	17	101,36
Robin	Haase	Netherlands	16	44	18	101,29
Andrey	Rublev	Russia	16	34	19	100,01
Denis	Shapovalov	Canada	15	46	20	99,42
Grigor	Dimitrov	Bulgaria	15	4	21	98,75
Adrian	Mannarino	France	16	22	22	96,84
Marin	Cilic	Croatia	14	3	23	96,09
Roberto	Bautista Agut	Spain	16	15	24	96,06
Ryan	Harrison	United States	15	53	25	94,87
Borna	Coric	Croatia	15	36	26	93,09
Feliciano	Lopez	Spain	14	32	27	90,94
Evgeny	Donskoy	Russia	15	88	28	90,10
Daniil	Medvedev	Russia	14	52	29	89,07
Damir	Dzumhur	Bosnia and Herzegovina	16	30	30	88,68

tennis top 10

PERFORMANCE OF THE 2nd SERVICE POINTS WON

Name	Surname	Country	Played M.	ATP Rkn	GPI Rkn	2nd Srv Won GPI ↓
Dominic	Thiem	Austria	21	7	1	138,96
Roger	Federer	Switzerland	18	1	2	136,00
Hyeon	Chung	South Korea	21	23	3	132,77
Juan Martín	Del Potro	Argentina	20	6	4	129,83
Kevin	Anderson	South Africa	18	8	5	126,89
Fabio	Fognini	Italy	19	18	6	124,16
Peter	Gojowczyk	Germany	18	50	7	118,99
Nicolas	Jarry	Chile	17	65	8	115,87
Gael	Monfils	France	19	42	9	113,55
Albert	Ramos-Vinolas	Spain	17	24	10	112,54
Karen	Khachanov	Russia	17	41	11	109,53
Leonardo	Mayer	Argentina	16	45	12	108,47
Pablo	Cuevas	Uruguay	16	40	13	105,61
Roberto	Bautista Agut	Spain	16	15	14	105,32
Adrian	Mannarino	France	16	22	15	104,04
Denis	Shapovalov	Canada	15	46	16	103,38
Diego	Schwartzman	Argentina	17	16	17	102,46
Borna	Coric	Croatia	15	36	18	101,85
Lucas	Pouille	France	16	10	19	97,41
Robin	Haase	Netherlands	16	44	20	97,27
Pierre-Hugues	Herbert	France	16	81	21	97,03
Marin	Cilic	Croatia	14	3	22	95,45
Ryan	Harrison	United States	15	53	23	95,42
Fernando	Verdasco	Spain	16	39	24	94,38
Damir	Dzumhur	Bosnia and Herzegovina	16	30	25	93,76
Evgeny	Donskoy	Russia	15	88	26	92,26
Daniil	Medvedev	Russia	14	52	27	88,94
Feliciano	Lopez	Spain	14	32	28	88,46
Grigor	Dimitrov	Bulgaria	15	4	29	84,28
Andrey	Rublev	Russia	16	34	30	82,32

tennis top 10

PERFORMANCE OF THE BREAK POINTS SAVED

Name	Surname	Country	Played M.	ATP Rkn	GPI Rkn	BKP S GPI ↓
Juan Martín	Del Potro	Argentina	20	6	1	142,42
Hyeon	Chung	South Korea	21	23	2	136,94
Dominic	Thiem	Austria	21	7	3	136,17
Kevin	Anderson	South Africa	18	8	4	126,31
Roger	Federer	Switzerland	18	1	5	123,73
Fabio	Fognini	Italy	19	18	6	120,92
Nicolas	Jarry	Chile	17	65	7	120,87
Karen	Khachanov	Russia	17	41	8	120,70
Pierre-Hugues	Herbert	France	16	81	9	117,77
Albert	Ramos-Vinolas	Spain	17	24	10	113,82
Robin	Haase	Netherlands	16	44	11	107,97
Lucas	Pouille	France	16	10	12	107,75
Peter	Gojowczyk	Germany	18	50	13	107,17
Denis	Shapovalov	Canada	15	46	14	106,42
Gael	Monfils	France	19	42	15	106,29
Andrey	Rublev	Russia	16	34	16	102,37
Grigor	Dimitrov	Bulgaria	15	4	17	99,92
Diego	Schwartzman	Argentina	17	16	18	99,77
Feliciano	Lopez	Spain	14	32	19	97,59
Ryan	Harrison	United States	15	53	20	97,01
Adrian	Mannarino	France	16	22	21	96,92
Fernando	Verdasco	Spain	16	39	22	95,96
Evgeny	Donskoy	Russia	15	88	23	95,88
Daniil	Medvedev	Russia	14	52	24	94,34
Leonardo	Mayer	Argentina	16	45	25	91,86
Roberto	Bautista Agut	Spain	16	15	26	91,11
Damir	Dzumhur	Bosnia and Herzegovina	16	30	27	89,70
Marin	Cilic	Croatia	14	3	28	86,60
Borna	Coric	Croatia	15	36	29	84,10
Pablo	Cuevas	Uruguay	16	40	30	84,05

tennis top 10

PERFORMANCE OF THE BREAK POINTS WON

Name	Surname	Country	Played M.	ATP Rkn	GPI Rkn	BKP Won GPI ↓
Gael	Monfils	France	19	42	1	138,50
Hyeon	Chung	South Korea	21	23	2	136,77
Pierre-Hugues	Herbert	France	16	81	3	130,62
Borna	Coric	Croatia	15	36	4	126,24
Fabio	Fognini	Italy	19	18	5	124,25
Roger	Federer	Switzerland	18	1	6	123,95
Diego	Schwartzman	Argentina	17	16	7	123,17
Robin	Haase	Netherlands	16	44	8	115,53
Dominic	Thiem	Austria	21	7	9	115,45
Juan Martín	Del Potro	Argentina	20	6	10	115,39
Lucas	Pouille	France	16	10	11	112,81
Fernando	Verdasco	Spain	16	39	12	110,47
Andrey	Rublev	Russia	16	34	13	109,95
Karen	Khachanov	Russia	17	41	14	109,46
Pablo	Cuevas	Uruguay	16	40	15	107,63
Leonardo	Mayer	Argentina	16	45	16	104,63
Peter	Gojowczyk	Germany	18	50	17	104,54
Roberto	Bautista Agut	Spain	16	15	18	103,62
Denis	Shapovalov	Canada	15	46	19	103,42
Evgeny	Donskoy	Russia	15	88	20	101,23
Damir	Dzumhur	Bosnia and Herzegovina	16	30	21	98,94
Albert	Ramos-Vinolas	Spain	17	24	22	98,59
Adrian	Mannarino	France	16	22	23	98,42
Nicolas	Jarry	Chile	17	65	24	95,84
Kevin	Anderson	South Africa	18	8	25	94,90
Ryan	Harrison	United States	15	53	26	92,94
Grigor	Dimitrov	Bulgaria	15	4	27	82,71
Marin	Cilic	Croatia	14	3	28	79,72
Daniil	Medvedev	Russia	14	52	29	74,48
Feliciano	Lopez	Spain	14	32	30	67,56

PERFORMANCE OF THE 1st RETURN POINTS WON

Name	Surname	Country	Played M.	ATP Rkn	GPI Rkn	1st Ret W GPI ↓
Dominic	Thiem	Austria	21	7	1	158,41
Hyeon	Chung	South Korea	21	23	2	156,48
Fabio	Fognini	Italy	19	18	3	137,41
Roger	Federer	Switzerland	18	1	4	133,68
Gael	Monfils	France	19	42	5	132,05
Diego	Schwartzman	Argentina	17	16	6	128,26
Juan Martín	Del Potro	Argentina	20	6	7	127,17
Damir	Dzumhur	Bosnia and Herzegovina	16	30	8	122,81
Fernando	Verdasco	Spain	16	39	9	120,11
Peter	Gojowczyk	Germany	18	50	10	119,58
Andrey	Rublev	Russia	16	34	11	114,22
Roberto	Bautista Agut	Spain	16	15	12	109,95
Borna	Coric	Croatia	15	36	13	108,50
Kevin	Anderson	South Africa	18	8	14	106,10
Karen	Khachanov	Russia	17	41	15	105,58
Leonardo	Mayer	Argentina	16	45	16	104,89
Pablo	Cuevas	Uruguay	16	40	17	103,69
Adrian	Mannarino	France	16	22	18	102,01
Albert	Ramos-Vinolas	Spain	17	24	19	99,80
Marin	Cilic	Croatia	14	3	20	97,26
Nicolas	Jarry	Chile	17	65	21	95,84
Evgeny	Donskoy	Russia	15	88	22	94,09
Daniil	Medvedev	Russia	14	52	23	93,29
Robin	Haase	Netherlands	16	44	24	90,55
Lucas	Pouille	France	16	10	25	90,14
Pierre-Hugues	Herbert	France	16	81	26	90,13
Grigor	Dimitrov	Bulgaria	15	4	27	89,75
Ryan	Harrison	United States	15	53	28	86,56
Denis	Shapovalov	Canada	15	46	29	80,35
Feliciano	Lopez	Spain	14	32	30	73,87

tennis top10

PERFORMANCE OF THE 2nd RETURN POINTS WON

Name	Surname	Country	Played M.	ATP Rkn	GPI Rkn	2nd Ret W GPI ↓
Hyeon	Chung	South Korea	21	23	1	143,04
Dominic	Thiem	Austria	21	7	2	138,51
Juan Martín	Del Potro	Argentina	20	6	3	134,86
Fabio	Fognini	Italy	19	18	4	130,13
Diego	Schwartzman	Argentina	17	16	5	119,00
Peter	Gojowczyk	Germany	18	50	6	118,30
Gael	Monfils	France	19	42	7	115,25
Andrey	Rublev	Russia	16	34	8	114,15
Roger	Federer	Switzerland	18	1	9	113,75
Roberto	Bautista Agut	Spain	16	15	10	112,67
Karen	Khachanov	Russia	17	41	11	111,95
Fernando	Verdasco	Spain	16	39	12	106,25
Adrian	Mannarino	France	16	22	13	105,38
Albert	Ramos-Vinolas	Spain	17	24	14	105,35
Damir	Dzumhur	Bosnia and Herzegovina	16	30	15	103,53
Kevin	Anderson	South Africa	18	8	16	103,22
Borna	Coric	Croatia	15	36	17	102,67
Lucas	Pouille	France	16	10	18	97,26
Pablo	Cuevas	Uruguay	16	40	19	96,66
Nicolas	Jarry	Chile	17	65	20	96,07
Leonardo	Mayer	Argentina	16	45	21	95,18
Ryan	Harrison	United States	15	53	22	94,71
Robin	Haase	Netherlands	16	44	23	94,27
Marin	Cilic	Croatia	14	3	24	93,46
Pierre-Hugues	Herbert	France	16	81	25	92,73
Grigor	Dimitrov	Bulgaria	15	4	26	91,24
Denis	Shapovalov	Canada	15	46	27	90,29
Evgeny	Donskoy	Russia	15	88	28	87,10
Daniil	Medvedev	Russia	14	52	29	84,42
Feliciano	Lopez	Spain	14	32	30	76,65