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GENERAL PERFORMANCE INDEX (GPI) MARCH 2018

Date of Report: March 25th, 2018

Performance of the WTA tennisists up to March 18th, 2018.

Rubén A. Báez

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

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

Date of Report¹: March 25, 2018

By Rubén A. Báez²

For the annual and monthly determination of the **GPI (General Performance Index)** 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 **WTA 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) Tournaments WTA International, Premier, Premier Mandatory, 125K Series, Elite Trophy Zhuhai, BNP Paribas WTA Finals Singapore.
- b) Australian Open, Roland Garros, Wimbledon, US Open.
- c) Fed Cup.

So far in the 2018 season, the German **Angelique Kerber** is the tennis player with the best **General Performance Index (GPI = 194,69)**, which is why, according to our studies, she 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.

¹ Report elaboration based on data from official Websites:

www.AustralianOpen.com

www.WTAtennis.com

www.FedCup.com

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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 **Angelique Kerber**, she 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” [%] (1)
- Performance of the 1st Service Won (1)
- Performance of the 2nd Service Won (1)
- Performance of the Break Points Saved (1)
- Performance of the Break Points Won (1)
- Performance of the 1st Return Points Won (1)
- Performance of the 2nd Return Points Won (1)

It can be observed that, in the performance of the different evaluated aspects, **Kerber** has achieved the first position in all aspects that we consider. She began the year with a **WTA ranking** No. 22 and up to the date of this report she is within the select **Top 10** again with the **WTA ranking** No. 10. In this season she played 22 matches and won 18. For that reason, her performance has been outstanding so far for what corresponds to the deserved position No. 1 in the **GPI ranking**.

Other highlighted tennis players for the 2018 season are: **Caroline Wozniacki**, **Simona Halep**, **Daria Kasatkina**, **Elina Svitolina**, **Julia Goerges** and **Naomi Osaka**.

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

GENERAL PERFORMANCE INDEX → GPI Ranking - WTA Ranking

Name	Surname	Country	(a)	(b)	(c)	(d)
			Played M.	WTA Rkn	GPI Rkn	GPI Index↓
Angelique	Kerber	Germany	22	10	1	194,69
Caroline	Wozniacki	Denmark	21	2	2	184,29
Simona	Halep	Romania	20	1	3	183,94
Daria	Kasatkina	Russia	20	11	4	178,57
Elina	Svitolina	Ukraine	18	4	5	174,94
Julia	Goerges	Germany	17	13	6	165,57
Naomi	Osaka	Japan	17	22	7	164,75
Petra	Kvitova	Czech Republic	18	9	8	158,64
Lesia	Tsurenko	Ukraine	16	41	9	148,53
Carla	Suarez Navarro	Spain	16	23	10	145,74
Karolina	Pliskova	Czech Republic	16	6	11	138,29
Elise	Mertens	Belgium	16	21	12	135,89
Shuai	Zhang	China	16	30	13	130,69
Kristina	Mladenovic	France	17	19	14	130,61
Petra	Martic	Croatia	14	40	15	126,90
Aliaksandra	Sasnovich	Belarus	14	46	16	125,14
Dominika	Cibulkova	Slovakia	14	31	17	123,67
Timea	Babos	Hungary	15	47	18	122,29
Irina-Camelia	Begu	Romania	16	37	19	121,83
Barbora	Strycova	Czech Republic	15	24	20	119,63
Caroline	Garcia	France	15	7	21	117,48
Danielle	Collins	United States	12	93	22	115,80
Katerina	Siniakova	Czech Republic	14	54	23	114,52
Mihaela	Buzarnescu	Romania	13	39	24	113,96
Agnieszka	Radwanska	Poland	13	32	25	112,94
Sorana	Cirstea	Romania	13	33	26	112,05
Catherine	Bellis	United States	13	44	27	111,21
Aryna	Sabalenka	Belarus	12	60	28	111,10
Anastasija	Sevastova	Latvia	14	17	29	103,88
Alizé	Cornet	France	13	38	30	102,12

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 **WTA**. 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.

PERFORMANCE OF THE 1st SERVICE “IN” (%)

Name	Surname	Country	Played M.	WTA Rkn	GPI Rkn	1st Srv In GPI ↓
Angelique	Kerber	Germany	22	10	1	175,95
Caroline	Wozniacki	Denmark	21	2	2	162,84
Daria	Kasatkina	Russia	20	11	3	161,62
Simona	Halep	Romania	20	1	4	155,79
Petra	Kvitova	Czech Republic	18	9	5	132,60
Elina	Svitolina	Ukraine	18	4	6	128,72
Carla	Suarez Navarro	Spain	16	23	7	128,59
Shuai	Zhang	China	16	30	8	127,14
Irina-Camelia	Begu	Romania	16	37	9	123,86
Lesia	Tsurenko	Ukraine	16	41	10	123,74
Caroline	Garcia	France	15	7	11	123,49
Julia	Goerges	Germany	17	13	12	121,19
Naomi	Osaka	Japan	17	22	13	120,94
Elise	Mertens	Belgium	16	21	14	119,37
Karolina	Pliskova	Czech Republic	16	6	15	119,12
Kristina	Mladenovic	France	17	19	16	118,88
Dominika	Cibulkova	Slovakia	14	31	17	114,14
Barbora	Strycova	Czech Republic	15	24	18	113,90
Timea	Babos	Hungary	15	47	19	108,80
Petra	Martic	Croatia	14	40	20	107,59
Aliaksandra	Sasnovich	Belarus	14	46	21	103,34
Catherine	Bellis	United States	13	44	22	102,24
Anastasija	Sevastova	Latvia	14	17	23	102,24
Mihaela	Buzarnescu	Romania	13	39	24	100,91
Alizé	Cornet	France	13	38	25	96,90
Katerina	Siniakova	Czech Republic	14	54	26	96,54
Agnieszka	Radwanska	Poland	13	32	27	96,17
Danielle	Collins	United States	12	93	28	95,69
Aryna	Sabalenka	Belarus	12	60	29	89,37
Sorana	Cirstea	Romania	13	33	30	89,25

PERFORMANCE OF THE 2nd SERVICE “IN” (%)

Name	Surname	Country	Played M.	WTA Rkn	GPI Rkn	2 nd Srv In GPI ↓
Angelique	Kerber	Germany	22	10	1	167,62
Caroline	Wozniacki	Denmark	21	2	2	163,12
Simona	Halep	Romania	20	1	3	155,47
Daria	Kasatkina	Russia	20	11	4	148,74
Elina	Svitolina	Ukraine	18	4	5	143,79
Naomi	Osaka	Japan	17	22	6	132,69
Julia	Goerges	Germany	17	13	7	130,25
Petra	Kvitova	Czech Republic	18	9	8	129,03
Carla	Suarez Navarro	Spain	16	23	9	128,70
Shuai	Zhang	China	16	30	10	125,43
Karolina	Pliskova	Czech Republic	16	6	11	121,48
Irina-Camelia	Begu	Romania	16	37	12	119,87
Kristina	Mladenovic	France	17	19	13	118,98
Caroline	Garcia	France	15	7	14	118,49
Elise	Mertens	Belgium	16	21	15	118,23
Barbora	Strycova	Czech Republic	15	24	16	117,89
Lesia	Tsurenko	Ukraine	16	41	17	116,12
Tímea	Babos	Hungary	15	47	18	114,99
Petra	Martic	Croatia	14	40	19	111,27
Anastasija	Sevastova	Latvia	14	17	20	110,31
Katerina	Siniakova	Czech Republic	14	54	21	106,31
Agnieszka	Radwanska	Poland	13	32	22	104,35
Dominika	Cibulkova	Slovakia	14	31	23	104,19
Aliaksandra	Sasnovich	Belarus	14	46	24	100,42
Sorana	Cirstea	Romania	13	33	25	99,97
Catherine	Bellis	United States	13	44	26	99,33
Mihaela	Buzarnescu	Romania	13	39	27	99,25
Alizé	Cornet	France	13	38	28	95,83
Aryna	Sabalenka	Belarus	12	60	29	94,00
Danielle	Collins	United States	12	93	30	90,69

PERFORMANCE OF THE 1st SERVICE POINTS WON

Name	Surname	Country	Played M.	WTA Rkn	GPI Rkn	1 st Srv Won GPI ↓
Angelique	Kerber	Germany	22	10	1	174,82
Caroline	Wozniacki	Denmark	21	2	2	173,09
Simona	Halep	Romania	20	1	3	158,94
Petra	Kvitova	Czech Republic	18	9	4	153,78
Elina	Svitolina	Ukraine	18	4	5	151,46
Julia	Goerges	Germany	17	13	6	151,26
Naomi	Osaka	Japan	17	22	7	141,93
Daria	Kasatkina	Russia	20	11	8	141,49
Karolina	Pliskova	Czech Republic	16	6	9	132,48
Kristina	Mladenovic	France	17	19	10	130,72
Elise	Mertens	Belgium	16	21	11	128,43
Timea	Babos	Hungary	15	47	12	124,36
Shuai	Zhang	China	16	30	13	120,99
Irina-Camelia	Begu	Romania	16	37	14	119,29
Aliaksandra	Sasnovich	Belarus	14	46	15	116,27
Carla	Suarez Navarro	Spain	16	23	16	115,93
Barbora	Strycova	Czech Republic	15	24	17	115,32
Lesia	Tsurenko	Ukraine	16	41	18	115,27
Caroline	Garcia	France	15	7	19	115,25
Anastasija	Sevastova	Latvia	14	17	20	113,16
Petra	Martic	Croatia	14	40	21	109,92
Katerina	Siniakova	Czech Republic	14	54	22	107,96
Dominika	Cibulkova	Slovakia	14	31	23	105,83
Sorana	Cirstea	Romania	13	33	24	102,05
Mihaela	Buzarnescu	Romania	13	39	25	97,42
Agnieszka	Radwanska	Poland	13	32	26	96,60
Catherine	Bellis	United States	13	44	27	94,52
Aryna	Sabalenka	Belarus	12	60	28	93,14
Alizé	Cornet	France	13	38	29	91,78
Danielle	Collins	United States	12	93	30	88,94

PERFORMANCE OF THE 2nd SERVICE POINTS WON

Name	Surname	Country	Played M.	WTA Rkn	GPI Rkn	2 nd Srv Won GPI ↓
Angelique	Kerber	Germany	22	10	1	174,69
Caroline	Wozniacki	Denmark	21	2	2	171,58
Simona	Halep	Romania	20	1	3	168,24
Daria	Kasatkina	Russia	20	11	4	165,64
Elina	Svitolina	Ukraine	18	4	5	152,43
Julia	Goerges	Germany	17	13	6	151,51
Petra	Kvitova	Czech Republic	18	9	7	144,02
Lesia	Tsurenko	Ukraine	16	41	8	134,31
Naomi	Osaka	Japan	17	22	9	130,84
Caroline	Garcia	France	15	7	10	130,48
Kristina	Mladenovic	France	17	19	11	129,90
Irina-Camelia	Begu	Romania	16	37	12	128,97
Shuai	Zhang	China	16	30	13	127,79
Carla	Suarez Navarro	Spain	16	23	14	125,45
Elise	Mertens	Belgium	16	21	15	122,45
Karolina	Pliskova	Czech Republic	16	6	16	121,88
Barbora	Strycova	Czech Republic	15	24	17	120,47
Timea	Babos	Hungary	15	47	18	115,00
Petra	Martic	Croatia	14	40	19	112,75
Dominika	Cibulkova	Slovakia	14	31	20	110,30
Katerina	Siniakova	Czech Republic	14	54	21	109,19
Anastasija	Sevastova	Latvia	14	17	22	106,35
Alizé	Cornet	France	13	38	23	104,68
Aliaksandra	Sasnovich	Belarus	14	46	24	102,29
Catherine	Bellis	United States	13	44	25	99,09
Danielle	Collins	United States	12	93	26	97,92
Aryna	Sabalenka	Belarus	12	60	27	96,52
Agnieszka	Radwanska	Poland	13	32	28	95,56
Mihaela	Buzarnescu	Romania	13	39	29	93,03
Sorana	Cirstea	Romania	13	33	30	91,66

PERFORMANCE OF THE BREAK POINTS SAVED

Name	Surname	Country	Played M.	WTA Rkn	GPI Rkn	BKP S GPI ↓
Angelique	Kerber	Germany	22	10	1	189,93
Julia	Goerges	Germany	17	13	2	165,56
Petra	Kvitova	Czech Republic	18	9	3	161,62
Caroline	Wozniacki	Denmark	21	2	4	156,93
Simona	Halep	Romania	20	1	5	153,16
Elina	Svitolina	Ukraine	18	4	6	151,23
Daria	Kasatkina	Russia	20	11	7	148,17
Elise	Mertens	Belgium	16	21	8	138,25
Barbora	Strycova	Czech Republic	15	24	9	131,27
Karolina	Pliskova	Czech Republic	16	6	10	130,21
Shuai	Zhang	China	16	30	11	129,77
Naomi	Osaka	Japan	17	22	12	129,09
Lesia	Tsurenko	Ukraine	16	41	13	128,27
Timea	Babos	Hungary	15	47	14	123,74
Irina-Camelia	Begu	Romania	16	37	15	122,12
Caroline	Garcia	France	15	7	16	119,24
Kristina	Mladenovic	France	17	19	17	117,70
Petra	Martic	Croatia	14	40	18	115,97
Carla	Suarez Navarro	Spain	16	23	19	115,66
Anastasija	Sevastova	Latvia	14	17	20	114,38
Dominika	Cibulkova	Slovakia	14	31	21	109,66
Catherine	Bellis	United States	13	44	22	109,45
Sorana	Cirstea	Romania	13	33	23	106,08
Katerina	Siniakova	Czech Republic	14	54	24	105,29
Alizé	Cornet	France	13	38	25	103,79
Mihaela	Buzarnescu	Romania	13	39	26	103,59
Aliaksandra	Sasnovich	Belarus	14	46	27	100,97
Aryna	Sabalenka	Belarus	12	60	28	92,09
Agnieszka	Radwanska	Poland	13	32	29	88,37
Danielle	Collins	United States	12	93	30	76,69

PERFORMANCE OF THE BREAK POINTS WON

Name	Surname	Country	Played M.	WTA Rkn	GPI Rkn	BKP Won GPI ↓
Angelique	Kerber	Germany	22	10	1	193,32
Caroline	Wozniacki	Denmark	21	2	2	168,45
Naomi	Osaka	Japan	17	22	3	162,42
Simona	Halep	Romania	20	1	4	159,45
Daria	Kasatkina	Russia	20	11	5	159,16
Petra	Kvitova	Czech Republic	18	9	6	153,76
Julia	Goerges	Germany	17	13	7	135,10
Lesia	Tsurenko	Ukraine	16	41	8	131,13
Timea	Babos	Hungary	15	47	9	127,99
Carla	Suarez Navarro	Spain	16	23	10	124,90
Elina	Svitolina	Ukraine	18	4	11	123,05
Karolina	Pliskova	Czech Republic	16	6	12	122,41
Irina-Camelia	Begu	Romania	16	37	13	120,31
Elise	Mertens	Belgium	16	21	14	119,12
Caroline	Garcia	France	15	7	15	117,16
Kristina	Mladenovic	France	17	19	16	115,08
Anastasija	Sevastova	Latvia	14	17	17	109,47
Aliaksandra	Sasnovich	Belarus	14	46	18	109,11
Shuai	Zhang	China	16	30	19	107,61
Alizé	Cornet	France	13	38	20	106,70
Barbora	Strycova	Czech Republic	15	24	21	104,52
Danielle	Collins	United States	12	93	22	102,34
Sorana	Cirstea	Romania	13	33	23	101,34
Petra	Martic	Croatia	14	40	24	99,96
Aryna	Sabalenka	Belarus	12	60	25	98,58
Catherine	Bellis	United States	13	44	26	96,90
Katerina	Siniakova	Czech Republic	14	54	27	92,01
Agnieszka	Radwanska	Poland	13	32	28	91,53
Dominika	Cibulkova	Slovakia	14	31	29	85,70
Mihaela	Buzarnescu	Romania	13	39	30	84,11

PERFORMANCE OF THE 1st RETURN POINTS WON

Name	Surname	Country	Played M.	WTA Rkn	GPI Rkn	1 st Ret W GPI ↓
Angelique	Kerber	Germany	22	10	1	201,12
Caroline	Wozniacki	Denmark	21	2	2	182,44
Simona	Halep	Romania	20	1	3	177,43
Daria	Kasatkina	Russia	20	11	4	169,03
Elina	Svitolina	Ukraine	18	4	5	145,72
Naomi	Osaka	Japan	17	22	6	142,18
Lesia	Tsurenko	Ukraine	16	41	7	141,62
Petra	Kvitova	Czech Republic	18	9	8	140,92
Carla	Suarez Navarro	Spain	16	23	9	131,22
Kristina	Mladenovic	France	17	19	10	128,69
Karolina	Pliskova	Czech Republic	16	6	11	126,09
Irina-Camelia	Begu	Romania	16	37	12	125,18
Julia	Goerges	Germany	17	13	13	124,25
Elise	Mertens	Belgium	16	21	14	118,59
Tímea	Babos	Hungary	15	47	15	117,15
Shuai	Zhang	China	16	30	16	116,57
Barbora	Strycova	Czech Republic	15	24	17	116,00
Danielle	Collins	United States	12	93	18	106,14
Mihaela	Buzarnescu	Romania	13	39	19	104,46
Sorana	Cirstea	Romania	13	33	20	101,56
Katerina	Siniakova	Czech Republic	14	54	21	101,41
Dominika	Cibulkova	Slovakia	14	31	22	99,44
Anastasija	Sevastova	Latvia	14	17	23	99,02
Petra	Martic	Croatia	14	40	24	99,01
Caroline	Garcia	France	15	7	25	96,38
Aryna	Sabalenka	Belarus	12	60	26	95,15
Aliaksandra	Sasnovich	Belarus	14	46	27	93,56
Catherine	Bellis	United States	13	44	28	93,03
Agnieszka	Radwanska	Poland	13	32	29	92,99
Alizé	Cornet	France	13	38	30	90,85

PERFORMANCE OF THE 2nd RETURN POINTS WON

Name	Surname	Country	Played M.	WTA Rkn	GPI Rkn	2 nd Ret W
						GPI ↓
Angelique	Kerber	Germany	22	10	1	170,26
Simona	Halep	Romania	20	1	2	168,47
Caroline	Wozniacki	Denmark	21	2	3	159,33
Daria	Kasatkina	Russia	20	11	4	157,66
Elina	Svitolina	Ukraine	18	4	5	144,20
Naomi	Osaka	Japan	17	22	6	137,06
Petra	Kvitova	Czech Republic	18	9	7	136,99
Elise	Mertens	Belgium	16	21	8	132,30
Julia	Goerges	Germany	17	13	9	126,21
Kristina	Mladenovic	France	17	19	10	125,43
Lesia	Tsurenko	Ukraine	16	41	11	124,09
Karolina	Pliskova	Czech Republic	16	6	12	121,16
Timea	Babos	Hungary	15	47	13	119,61
Irina-Camelia	Begu	Romania	16	37	14	116,70
Carla	Suarez Navarro	Spain	16	23	15	116,24
Caroline	Garcia	France	15	7	16	115,51
Anastasija	Sevastova	Latvia	14	17	17	114,83
Petra	Martic	Croatia	14	40	18	112,04
Catherine	Bellis	United States	13	44	19	111,55
Dominika	Cibulkova	Slovakia	14	31	20	111,36
Shuai	Zhang	China	16	30	21	109,56
Aliaksandra	Sasnovich	Belarus	14	46	22	108,23
Katerina	Siniakova	Czech Republic	14	54	23	106,15
Barbora	Strycova	Czech Republic	15	24	24	105,66
Agnieszka	Radwanska	Poland	13	32	25	105,15
Alizé	Cornet	France	13	38	26	101,73
Mihaela	Buzarnescu	Romania	13	39	27	98,07
Danielle	Collins	United States	12	93	28	93,70
Sorana	Cirstea	Romania	13	33	29	90,99
Aryna	Sabalenka	Belarus	12	60	30	88,48