

	STATS!	Total	Pro	Masters	Adv	Int	Teen/Jr	Women														
Ace	Average	55.1	48.3	#DIV/0!	53.9	56.2	93.0	#DIV/0!														
Pool !!	People	6	1	1	1	1	1	1														
\$100.00	Rounds	34	11	0	11	10	2	0														
				League																		Avg Points
Pro	Series	First	Last	Rating	Avg.	Div	Rn1	Rn2	Rn3	Rn4	Rn5	Rn6	Rn7	Rn8	Rn9	Rn10	Rn11	Rn12	Avg	Per Week	Hcp	.8Hcp
1	77	Brandon	Elder		48.3	Pro	45	46	44	50	50		49	51	46	53	49	48	48.3	7.0	6	5
2	72	Evan	Brummett		49.3	Pro	50		48	53	49	50	52	51	46	47	45	51	49.3	6.5	5	4
3	71	Dan	Buettgenbach		49.8	Pro	50	50	46	52	49	48	54	51	44	50	56	47	49.8	5.9	4	3
4	66	Tyler	Liebman		48.0	Pro	46			47	51	45	44			51	52		48.0	9.4	6	5
5	57	Chad	Johnson		50.4	Pro	51	48	51	49	52	50	47	55	49	54		48	50.4	5.2	4	3
6	47	Pat	Lien		49.0	Pro	51		48		50		49	48			48		49.0	7.8	5	4
7	43	KC	Terry		51.7	Pro	48		54	53	54	49	54		48	52	53		51.7	4.8	2	2
8	39	Shawn	Aschliman		51.9	Pro	51	49			60	53	50	52	51		51	50	51.9	4.3	2	2
9	38	Jon	Ginsburg		51.3	Pro							50	54	51	49	51	53	51.3	6.3	2.67	2.13
10	35	Vinnie	Castillo		52.6	Pro		53		51	57		52		56	51	48		52.6	5.0	1	1
11	30	Ryan	Adams		53.7	Pro		54	50	58		52	60	55	52	47		55	53.7	3.3	0	0
12	28	Lugo	Delatorre		51.0	Pro			55				50		50	49			51.0	7.0	3	2
13	21	Jeff	Scheich		52.0	Pro						55	53		48	51	53		52.0	4.2	2	1.6
14	14	Jeff	Martin		53.7	Pro				54			51	56					53.7	4.7	0	0
15	13	Vince	Scherrer		55.8	Pro	55		60		62		54	58	50	57	50	56	55.8	1.4	-2	-1
16	12	Pete	Givens		51.8	Pro	51			55		50						51	51.8	3.0	2	2
17	10	Corey	Patterson		53.0	Pro				52	54								53.0	5.0	1	1
18	9	AJ	Kolarsic		48.0	Pro	48												48.0	9.0	6	5
19	5	Shannon	Anderson		53.0	Pro							53						53.0	5.0	1	0.8
20	5	Collin	Hurley		52.0	Pro										52			52.0	5.0	2	1.6
21	2	Sean	Misener		51.0	Pro	51												51.0	2.0	3	2
22	2	Jamie	Staber		56.0	Pro										56			56.0	2.0	-2	-1.6
23	1	Lance	Collette		58.0	Pro											58		58.0	1.0	-4	-3.2
	0				#DIV/0!														###	#DIV/0!	#DIV/0!	#DIV/0!
	0				#DIV/0!														###	#DIV/0!	#DIV/0!	#DIV/0!
	0				#DIV/0!														###	#DIV/0!	#DIV/0!	#DIV/0!
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	0				#DIV/0!														###	#DIV/0!	#DIV/0!	#DIV/0!
	0				#DIV/0!														###	#DIV/0!	#DIV/0!	#DIV/0!
	0				#DIV/0!														###	#DIV/0!	#DIV/0!	#DIV/0!
	0				#DIV/0!														###	#DIV/0!	#DIV/0!	#DIV/0!
	0				#DIV/0!														###	#DIV/0!	#DIV/0!	#DIV/0!
	0				#DIV/0!														###	#DIV/0!	#DIV/0!	#DIV/0!
Masters	Series	First	Last		Avg.	Div	Rnd1	Rnd2	Rnd3	Rnd4	Rnd5	Rnd6	Rnd7	Rnd8	Rnd9	Rnd10	Rnd11	Rnd12	0.0	0.0	54	43
1	0				#DIV/0!	Pro													###	#DIV/0!	#DIV/0!	#DIV/0!
Advanced	Series	First	Last		Avg.	Div	Rnd1	Rnd2	Rnd3	Rnd4	Rnd5	Rnd6	Rnd7	Rnd8	Rnd9	Rnd10	Rnd11	Rnd12	Avg		Hcp	.8Hcp
1	126	Ryan	Traeger		53.9	Adv		52	52	51	55	58	52	54	60	53	57	49	53.9	11.5	0	0
2	107	Dan	Burdick		55.2	Adv	52		55	52	57	55	61	52	58	56	57	52	55.2	9.7	-1	-1
3	96	Jep	Ballmer		56.9	Adv	55		58	54	58	51	63	62	56	56	53	60	56.9	8.7	-3	-2
4	96	Peter	Gray		55.6	Adv		48	57	57	59	53	58	57	56	55	58	54	55.6	8.7	-2	-1
5	91	Luke	Hensley		57.3	Adv	60	59	55	63	57	54	54		57	57	57	57	57.3	8.3	-3	-3
6	89	Chris	Saracino		56.6	Adv	57	61	55	53		56	60	57	54	57	56	57	56.6	8.1	-3	-2
7	89	Josh	Grenz		57.1	Adv	63		58	59	58	53	55	57		53	58	57	57.1	8.9	-3	-2
8	85	Jon	Yankowski		56.8	Adv	51	54	61	60	61	53	56		52	63	60	54	56.8	7.7	-3	-2
9	78	Dan	Thebus		55.9	Adv	51	50	56	59	60	51			55	59	62		55.9	8.7	-2	-2
10	77	Dan	Weaver		56.4	Adv	54			54	58		52	56	59		57	61	56.4	9.6	-2	-2
11	69	Devin	Bennett		53.3	Adv	49	53	57		55			55				51	53.3	11.5	1	1
12	64	Bill	Mastre		58.1	Adv	49	58	61		58	61	61	53	62	56		62	58.1	6.4	-4	-3
13	63	Bryan	Orthun		59.2	Adv	55		56	54	74	57	59	59		58	59	61	59.2	6.3	-5	-4
14	42	Caleb	Workman		56.0	Adv									54		56	58	56.0	14.0	-2	-2
15	36	Jamie	Staber		52.5	Adv					53		52						52.5	18.0	2	1
16	36	Dave	Dembicki		60.7	Adv				63			60	64	59	63	57	59	60.7	5.1	-7	-5
17	35	Jeremy	Yigil		54.0	Adv									54	54			54.0	17.5	0	0
18	34	Troy	Groendal		54.0	Adv	57			50					55				54.0	11.3	0	0
19	32	Blaine			55.7	Adv						54			57			56	55.7	10.7	-2	-1
20	27	Glenn	Carter		58.0	Adv				57	59			58					58.0	9.0	-4	-3
21	25	Derek	Gravenstein		60.0	Adv				60	66	54	60						60.0	6.3	-6	-5
22	24	J	Gonzalez		56.7	Adv	56							55		59			56.7	8.0	-3	-2
23	24	Jordan	Rasmussen		61.0	Adv								66	59	62	57	61	61.0	4.8	-7	-6
24	20	Rob	O		59.3	Adv							61	60			57		59.3	6.7	-5	-4
25	16	Adam	Mondragon		58.5	Adv									58	59			58.5	8.0	-5	-4
26	14	Dylan	Atkinson		61.0	Adv				62	64	55	63						61.0	3.5	-7	-6
27	14	Brandon	Owens		71.5	Adv					86		57						71.5	7.0	-18	-14

11	63	Jeff	Harlan		58.3	Int					62	57	58	56					58.3	15.8	-4	-3
12	38	Nick	Lenk		61.3	Int				60			63	62			60		61.25	9.5	-7.3	-5.8
13	37	Cory	Liles		65.6	Int		67	61		67	68	66	64	64	69	64		65.6	4.1	-12	-9
14	37	Steve	Briceno		59.8	Int	57		61		63	58							59.8	9.3	-6	-5
15	36	Henry	Myers		65.9	Int	64	70	64		69	64	66			68	62		65.9	4.5	-12	-10
16	30	Adam	Sharpley		67.6	Int		69	68		67	61	67	70	73	68	68	65	67.6	3.0	-14	-11
17	29	Daniel			61.0	Int							65		60	58			61.0	9.7	-7	-6
18	27	Luke	Harley		63.7	Int					67		62	62					63.7	9.0	-10	-8
19	23	Brenden	O'Reilly		65.5	Int							61	66			67	68	65.5	5.8	-12	-9
20	20	Jordan	Rasmussen		57.0	Int							57						57.0	20.0	-3	-2
21	18	Chris	Stoer		64.8	Int				61						68	66		64.75	4.5	-10.8	-8.6
22	17	Tim	Bork		58.0	Int							58						58.0	17.0	-4	-3
23	17	Victor			58.0	Int							58						58.0	17.0	-4	-3
24	17	Josh	Quinn		62.0	Int						65				59			62.0	8.5	-8	-6
25	17	Ian	Hebert		70.4	Int					78	74	67	67		77	68	62	70.4	2.4	-16	-13
26	14	Steve	Sarey?		60.0	Int											60		60.0	14.0	-6	-5
27	13	James			63.3	Int	63	59						68					63.3	4.3	-9	-7
28	13	Ben			61.5	Int			64			59							61.5	6.5	-8	-6
29	13	Mike	Kornegay		76.0	Int							80					72	76.0	6.5	-22	-18
30	12	Devin	King		62.0	Int										62			62.0	12.0	-8	-6
31	12	Mike	H.		61.0	Int											61		61	12	-7.0	-5.6
32	9	Tyler	Wilson		62.0	Int											62		62.0	9.0	-8	-6
33	9	Conrad	Bontz		62.0	Int											62		62	9	-8.0	-6.4
34	8	Jimmy			59.0	Int			59										59.0	8.0	-5	-4
35	8	Rob	M.		65.0	Int										65			65.0	8.0	-11	-9
36	7	Corey	Smith		60.0	Int						60							60.0	7.0	-6	-5
37	7	Luke	Rethke		70.0	Int					71						69		70.0	3.5	-16	-13
38	7	Jon			63.0	Int											63		63	7	-9.0	-7.2
39	4	Jason			68.0	Int	70		66										68.0	2.0	-14	-11
40	2	Damon			66.0	Int	66												66.0	2.0	-12	-10
41	2	Mark	Adsit		74.0	Int					74								74.0	2.0	-20	-16
42	2	Joel	Cuthbert		67.0	Int							67						67.0	2.0	-13	-10
43	2	Rob	O		55.0	Int										55			55.0	2.0	-1	-1
44	2	Omar			70.0	Int										70			70.0	2.0	-16	-13
45	1	Matt			70.0	Int			70										70.0	1.0	-16	-13
46	1	Travis	Painter		72.0	Int											72		72	1	-18.0	-14.4

Women		First	Last		Avg.	Div	Rnd1	Rnd2	Rnd3	Rnd4	Rnd5	Rnd6	Rnd7	Rnd8	Rnd9	Rnd10	Rnd11	Rnd12	Avg		Hcp	.8Hcp
1	3				#DIV/0!	Int													###	#DIV/0!	#DIV/0!	#DIV/0!
2	1				#DIV/0!	Int													###	#DIV/0!	#DIV/0!	#DIV/0!
3	0				#DIV/0!	Int													###	#DIV/0!	#DIV/0!	#DIV/0!
Teen / Jr		First	Last		Avg.	Div	Rnd1	Rnd2	Rnd3	Rnd4	Rnd5	Rnd6	Rnd7	Rnd8	Rnd9	Rnd10	Rnd11	Rnd12	Avg		Hcp	.8Hcp
1	2	Evan	Carter		93.0	Nvc				100	86								93.0	1.0	-39	-31
2	2	Marshall	Rawlings		90.0	Nvc						90	90						90.0	1.0	-36	-29
3	0				#DIV/0!	Nvc													###	#DIV/0!	#DIV/0!	#DIV/0!

4				Jeff	Harlan					16	13	17	17							
4				Nick	Lenk				5			11	8				14			
9	2			Cory	Liles		3	6		6	2	5	5	3	3	6				
4				Steve	Briceno	8		6		12	11									
8				Henry	Myers	3	1	4		5	4	5			5	9				
10	1	1		Adam	Sharpley		2	2		6	6	2	1	1	5	2	5			
3				Daniel		0						7		7	15					
3				Luke	Harley					6		13	8							
4				Brenden	O'Reilly							15	4			4				
1				Jordan	Rasmussen							20								
4				Chris	Stoer				3				5		5	5				
1				Tim	Bork							17								
1				Victor		0						17								
2				Josh	Quinn						3				14					
7				Ian	Hebert					1	1	2	3		1	2	7			
1				Steve	Sarey?											14				
3				James		0	4	7					2							
2				Ben		0		4			9									
2				Mike	Komegay							1		11			1			
1				Devin	King										12					
1				Mike	H.											12				
1				Tyler	Wilson											9				
1				Conrad	Bontz											9				
1				Jimmy		0		8												
1				Rob	M.										8					
1				Corey	Smith						7									
2				Luke	Rethke					4					3					
1				Jon		0										7				
2				Jason		0	1	3												
1				Damon		0	2													
1				Mark	Adsit					2										
1				Joel	Cuthbert							2								
1				Rob	O										2					
1				Omar		0									2					
1				Matt		0		1												
1				Travis	Painter											1				

Course SSA/WCP Calculation

Course Name (Config)	# Holes	AHP	SSA
Edora	18		

Template to calculate WCP from SSA using up to 12 rounds for up to 100 players

* Only calculated for players with PDGA rating 800+

Player Name	PDGA	Avg	Average*	R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12
	Player Rating	Rnd	Hole Par												
			-												



APR	ASR	Average of all players ratings over 799
AHS = 0.000	AF =	

Note: SSA stands for Scratch Scoring Average which is a decimal representation of what a scratch 1000 rated player would average on the course. The average of several SSA values should be used to determine the actual World Class Par WCP for a course which is a rounded off number like 56. The true par for each hole should be set so that the sum of the pars for the whole course then add up to equal the WCP.

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How to Calculate World Class Par WCP for Your Course & Each Hole

By Chuck Kennedy, July 2002

1. Gather scores from an event played under standard PDGA rules where the weather is "normal" for you.
2. Enter hole-by-hole scores for each player with a rating over 800 in a spreadsheet.
3. Enter round scores to use this spreadsheet to calculate the Scratch Scoring Average SSA for the course.
4. Look at the bottom of the Determine SSA(WCP) sheet to locate these values already calculated for you:
APR = Average rating of these players
ASR = Their average score per round
AHS = Their average score per round per hole (= ASR / # of holes on course)
AF = The adjustment factor between the average score per round shot (ASR) and SSA (AF = SSA / ASR)
5. Multiply the score average on each hole by AF to determine its individual Scratch Scoring Average (SSA), which is what a 1000 rated player would expect to average on each hole.
6. Assign the WCP for each hole based on which integer par number is closest. Holes with SSA values less than 2.5 are Par 2. Holes with SSA between 2.6 and 3.4 are Par 3. Holes with SSA from 3.6 to 4.4 are Par 4 and over 4.5 are Par 5. Once this is done, look at the holes with scoring averages 2.5, 3.5 and 4.5. Determine which ones should be rounded up or down so that the total of all WCPs for each hole add up to the total WCP det

Special Notes:

- A. The league template will calculate the rating for each player for that round in comparison to their official rating. If a player shoots a round more than 70 points below their rating, do not include them in the calculations.
- B. If a player shoots a score more than 2 throws higher than everyone's scoring average on the hole, change their hole score to a number that is about 2 throws higher than the average on the hole.
- C. The Coefficient of Variation (CV) for each hole is calculated by dividing the standard deviation of scores on a hole by its scoring average. The higher the CV, the better the hole is (in theory) for better players to demonstrate their skill because there are a wider range of scores on the hole. However, if the variance of scores is produced by luck f