

# Evaluating Offensive Performance: Beyond OPS



















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







- Brief explanation of OPS : Just the addition an individual hitters on-base percentage and their slugging percentage.
- OPS is a simple stat to calculate and interpret and is useful because it correlates very well with runs scored
- wRC+ is a more comprehensive and contextual metric that is derived from wOBA



# Advantages of wRC+

- Adjusts for external factors like ballpark dimensions and league factors, providing context for performance.
- Accounts for different run environments across eras and teams.
- Scaled to 100: Easier interpretation (e.g., 110 means 10% above league average).
- As seen in the tables to the right, both wRC+ and OPS highlight the same top players in 2024, but wRC+ provides easier interpretation with added context.

	NAME	wRC+	SEASON	TM	G	AB	R	H	2B	3B	HR	RBI
1	 Aaron Judge	219	2024	 NYY	158	559	122	180	36	1	58	144
2	 Shohei Ohtani	181	2024	 LAD	159	636	134	197	38	7	54	130
3	 Juan Soto	180	2024	 NYY	157	576	128	166	31	4	41	109
4	 Yordan Alvarez	167	2024	 HOU	147	552	88	170	34	2	35	86
5	 Bobby Witt Jr.	167	2024	 KCR	161	636	125	211	45	11	32	109
6	 Vladimir Guerrero Jr.	165	2024	 TOR	159	616	98	199	44	1	30	103
7	 Brent Rooker	164	2024	 OAK	145	546	82	160	26	2	39	112
8	 Gunnar Henderson	154	2024	 BAL	159	630	118	177	31	7	37	92
9	 Marcell Ozuna	154	2024	 ATL	162	606	96	183	31	0	39	104
10	 Ketel Marte	151	2024	 ARI	136	504	93	147	23	2	36	95

	NAME	OPS	SEASON	TM	G	AB	R	H	2B	3B	HR	RBI
1	 Aaron Judge	1.159	2024	 NYY	158	559	122	180	36	1	58	144
2	 Shohei Ohtani	1.036	2024	 LAD	159	636	134	197	38	7	54	130
3	 Juan Soto	.989	2024	 NYY	157	576	128	166	31	4	41	109
4	 Bobby Witt Jr.	.977	2024	 KCR	161	636	125	211	45	11	32	109
5	 Yordan Alvarez	.959	2024	 HOU	147	552	88	170	34	2	35	86
6	 Vladimir Guerrero Jr.	.940	2024	 TOR	159	616	98	199	44	1	30	103
7	 Ketel Marte	.932	2024	 ARI	136	504	93	147	23	2	36	95
8	 Brent Rooker	.927	2024	 OAK	145	546	82	160	26	2	39	112
9	 Marcell Ozuna	.925	2024	 ATL	162	606	96	183	31	0	39	104
10	 Bryce Harper	.898	2024	 PHI	145	550	85	157	42	0	30	87



# How to Utilize wRC+

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- wRC+ enables coaches to make data-informed decisions for lineups, substitutions, and player development.
- Reveals hidden strengths or weaknesses not visible through OPS alone.
- Evaluates players fairly across diverse conditions (e.g., different eras, leagues, or ballparks).