GATEWAY REGENSBURG 2023

Nadav MACHLIN #50

DATA

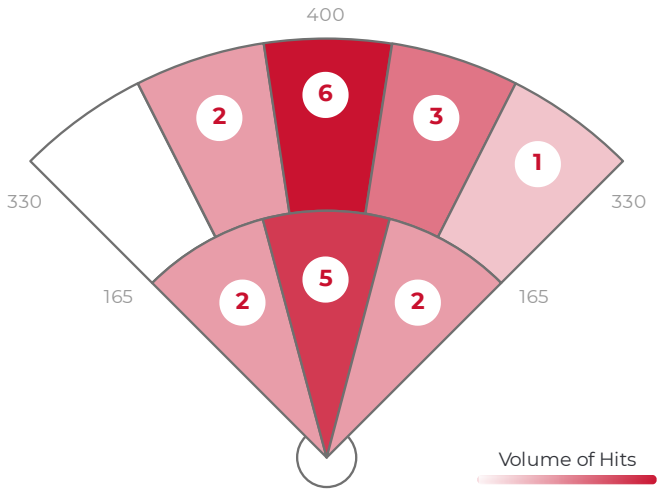
	AVG	MAX	HARD HIT AVG
E. VELOCITY	81.3	91.6	85.1
L. ANGLE	14.3	38.2	14.3
DIRECTION	5.6°R	33.4°R	5.2°R
DISTANCE	188	342	201
SPIN RATE	1441	3379	1410

BATTING AVG.	.476
XWOBA	.455
SLUGGING	.476
HARD HIT %	76.2%
BOMBS %	19.0%
ROPES %	28.6%

RAPSCORE

R36
PRO

R65
HIGH SCHOOL



ZONE BREAKDOWN

Zone	Volume of Hits	AVG LA	AVG EV	AVG RPM	AVG Distance
PULL	5/21	20	82	2094	227
MIDDLE	13/21	14	82	1056	193
OPPO	3/21	6	78	1539	103

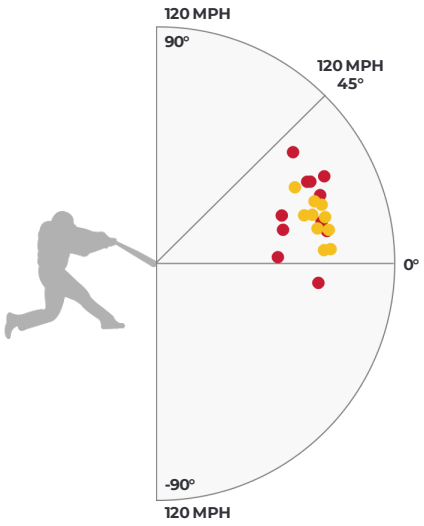
HIT OUTCOME

Single	Double	Triple	Homerun	Field Out	Foul Ball
47.6%	0%	0%	0%	52.4%	0%

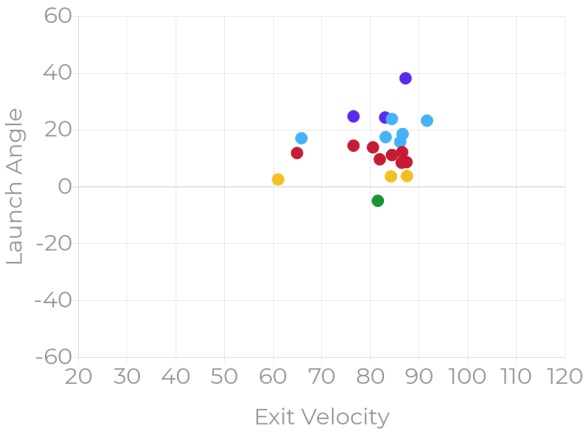
HIT CLASSIFICATION

Dribbler	Ground Ball	Low Line Drive	High Line Drive	Fly Ball	Pop Up
4.8%	14.3%	38.1%	28.6%	14.3%	0%

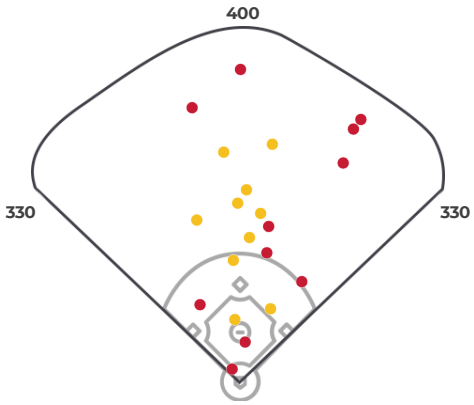
HIT OUTCOME VS LA & EV



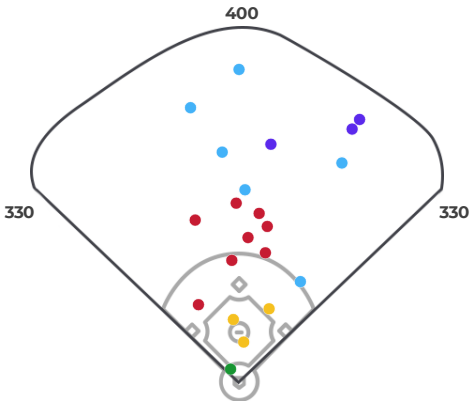
HIT CLASSIFICATIONS VS LA & EV



HIT OUTCOME



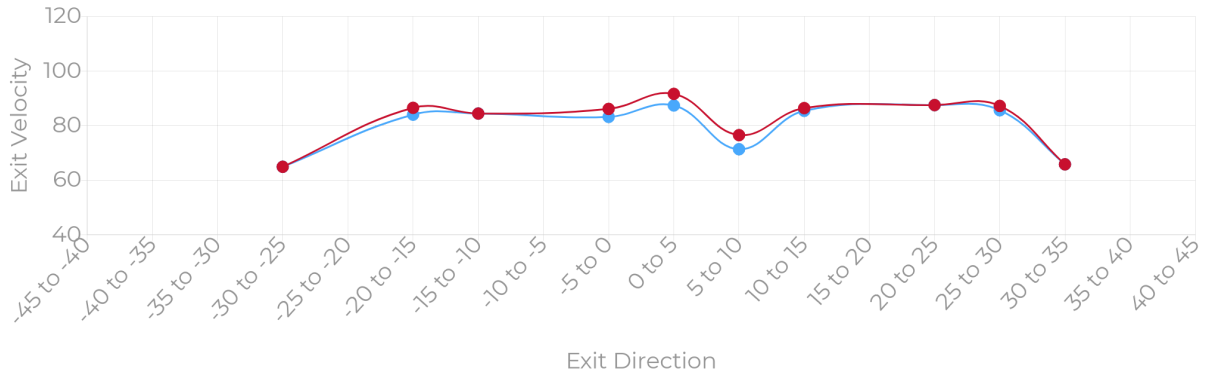
HIT CLASSIFICATION



MAX AVG

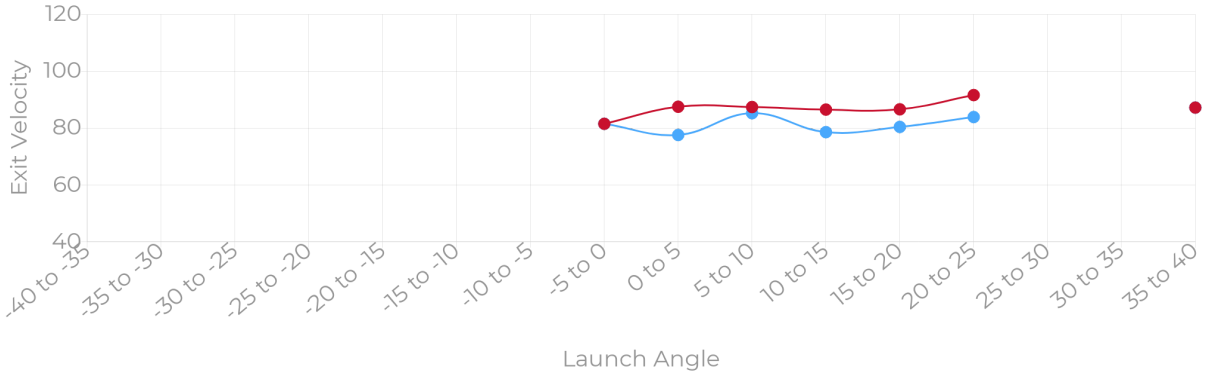
MAX EV, AVG EV BY EXIT DIRECTION

Exit velocities are shown for all balls in play within the listed exit direction ranges.



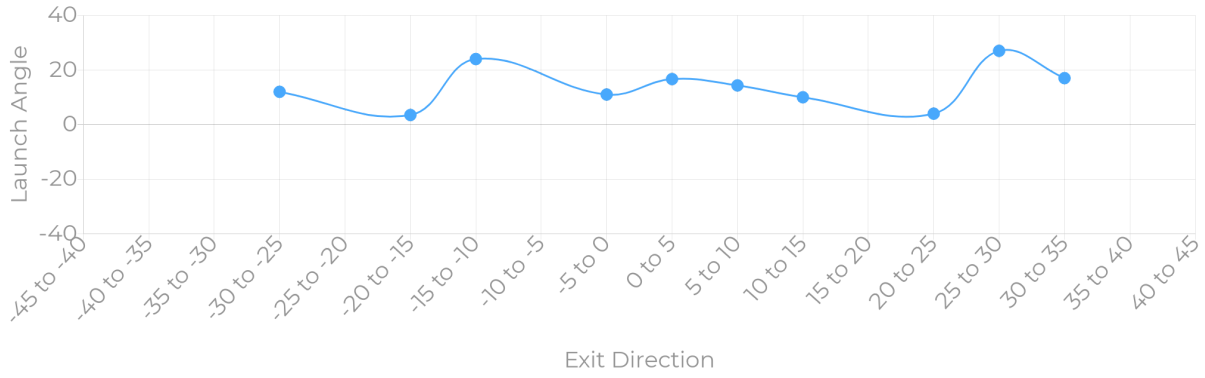
MAX EV, AVG EV BY LAUNCH ANGLE

Exit velocities are shown for all balls in play within the listed launch angle ranges.



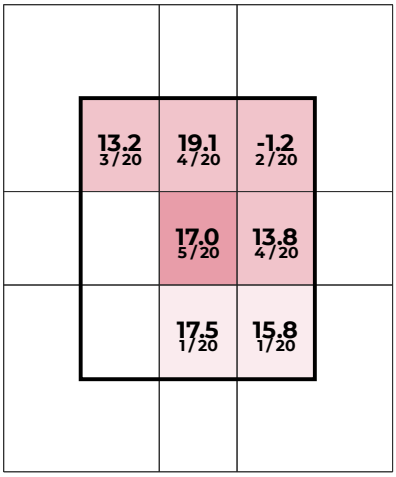
LAUNCH ANGLE BY EXIT DIRECTION

Average launch angles are shown for all balls in play within the listed exit direction ranges.



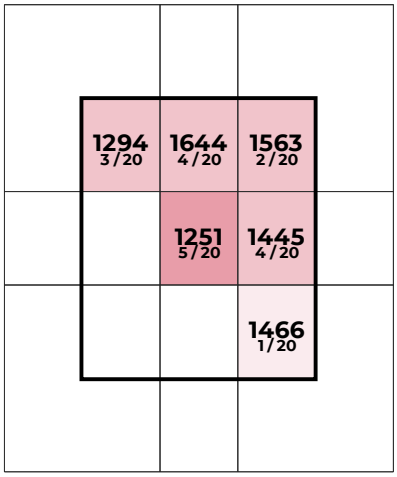
STRIKE ZONE BREAKDOWN

LAUNCH ANGLE

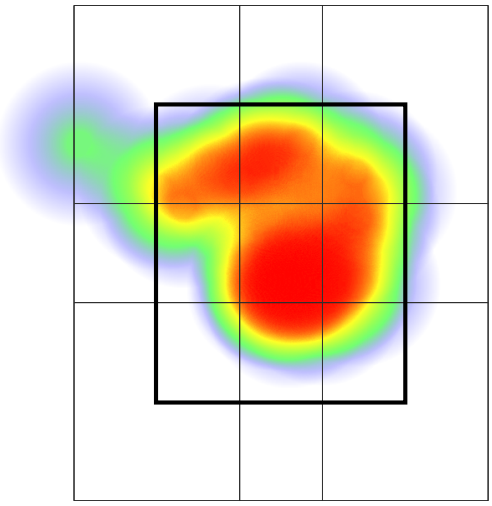


		Avg EV	Avg LA
HORIZONTAL	INNER THIRD	79.7	9.5
	MIDDLE THIRD	84.8	17.9
	OUTER THIRD	77.9	13.2
VERTICAL	UPPER THIRD	78.4	10.4
	MIDDLE THIRD	83.4	15.4
	LOWER THIRD	84.6	16.6

SPIN RATE

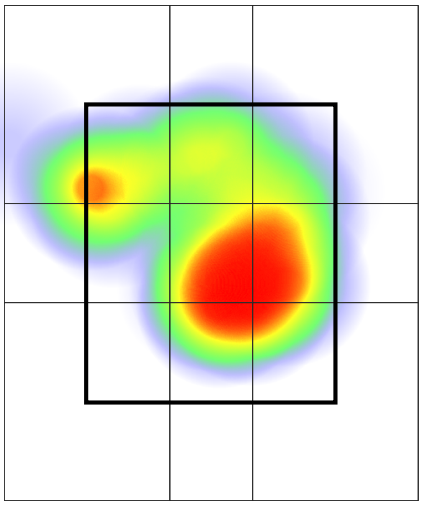


EXIT VELOCITY



Catcher's POV

XWOBA

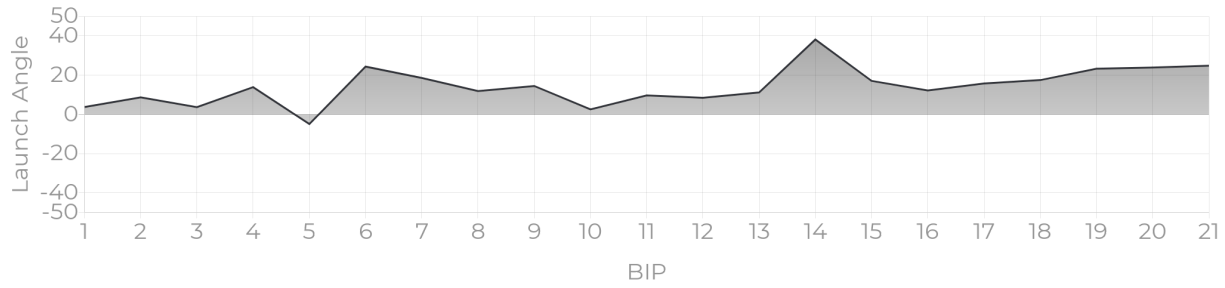


Catcher's POV

PROGRESS REPORTS

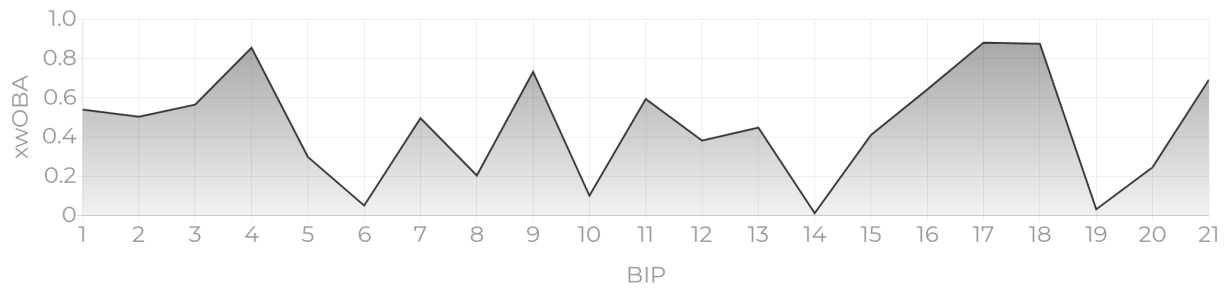
EV TRACKER

LA TRACKER



DISTANCE TRACKER

XWOBA TRACKER



XWOBA

Expected Weighted On Base Average is a term commonly used inside of the MLB taking Launch Angle and Exit Velocity to determine the Expected OBA and often compared to the Actual OBA. This provides a tool for Rapsodo to provide an instant analysis off of each BBE (Batted Ball Event). In the same way that each batted ball is assigned a Hit Classification, every batted ball has been given a single, double, triple and home run probability based on the results of comparable batted balls from MLB data — in terms of similar exit velocity and launch angle.

BIP (BALL IN PLAY)

Any ball hit within a range of -45 to 45 degree Exit Direction.

HARD HIT %

Any ball hit within 12.5% of a player's Max Exit Velo.

ROPES

Any Hard Hit Ball (within 12.5% of a player's Max Exit Velo) and hit between 10 and 20 degree Launch Angle.

BOMBS

Any Hard Hit Ball (within 12.5% of a players Max Exit Velo) and Hit with a 20+ Launch Angle.

HIT CLASSIFICATION

Dribbler: A batted ball event with less than a O degree launch angle
Ground Ball: A batted ball event with a launch angle between O and 6 degrees
Low Line Drive: A batted ball event with a launch angle between 6 and 15 degrees
High Line Drive: A batted ball event with a launch angle between 15 and 24 degrees
Fly Ball: A batted ball event with a launch angle between 24 and 50 degrees
Pop Up: A batted ball event with a launch angle greater than 50 degrees