

NBA Roster Building

Collin Travasos

A dark blue diagonal gradient bar that starts from the bottom left corner and extends towards the top right corner, covering the lower half of the slide.

What Makes a Successful Team

- Superstars?
- Coaching?
- Chemistry?
- LeBron?
- Statistics?

Data Used

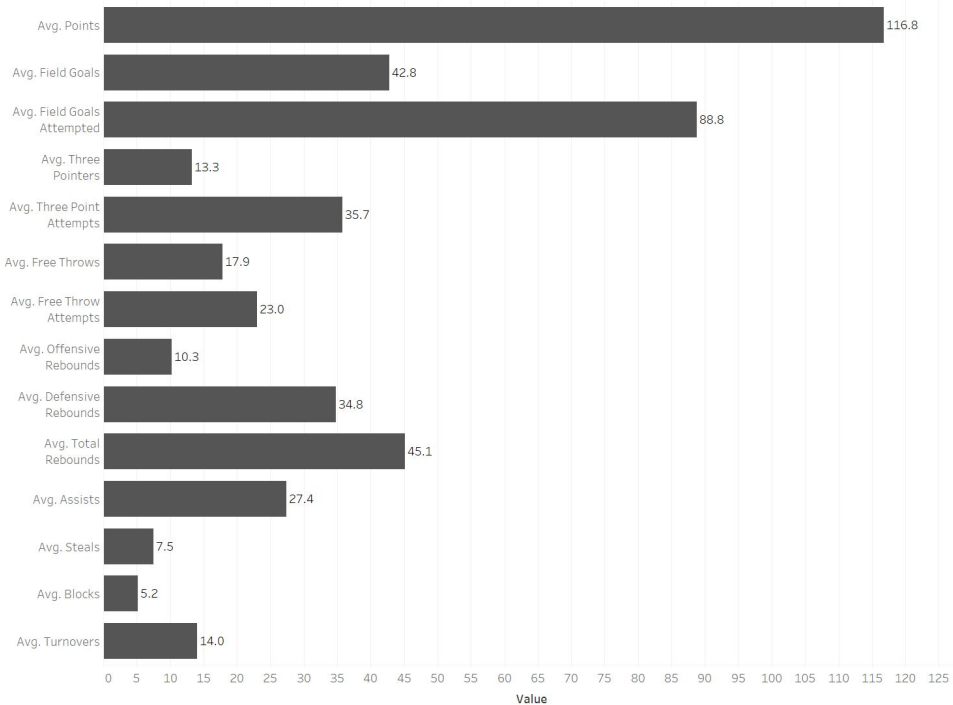
- Box Scores
 - 2015-16 – 2023-24
- All Teams
 - Opponent
 - Result
 - Team Statistics
- All Players
 - Position
 - Minutes
 - Player Statistics

Assumptions

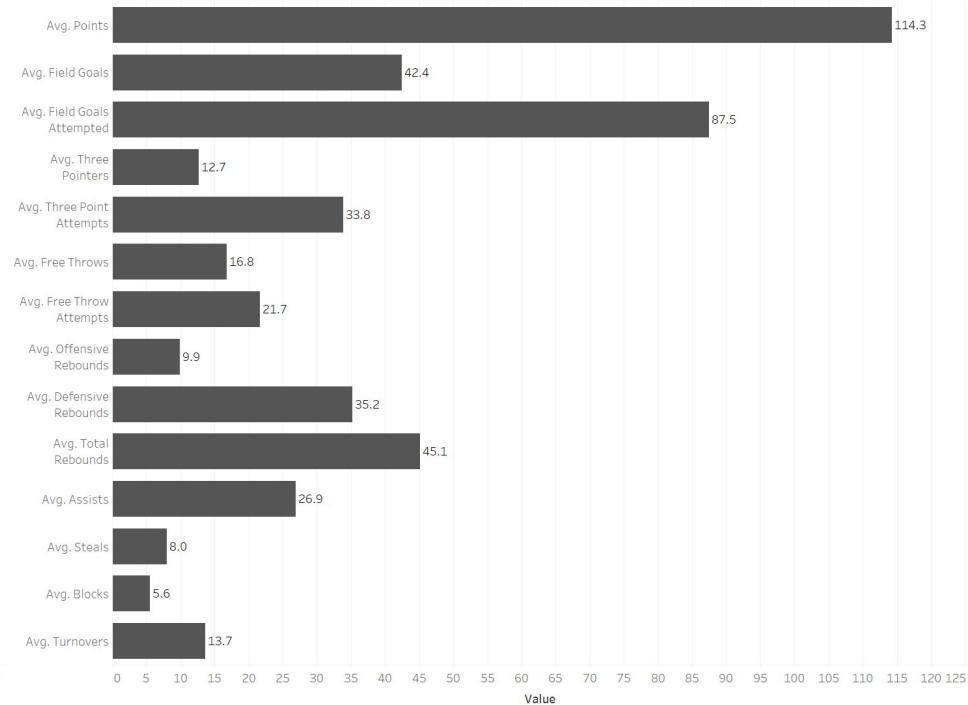
- Unique Games
 - Playoffs
 - Play In
 - In Season Tournament (NBA Cup)
 - Overtime
- Player Requisites
 - Played last season (2023-24)
 - Played in at least 50% of the games (41)
 - Played more than 10 minutes

Playoff Team metrics

Playoff Team Stats



Champion Team Stats



Top star player stats

Points Per 48

Stephen Curry	39.366
Luka Doncic	39.355
Giannis Antetokounmpo	38.218
Zion Williamson	37.403
Kevin Durant	37.019
James Harden	36.105
Damian Lillard	36.028
LeBron James	35.885
Trae Young	35.548
Anthony Davis	35.418

Rebounds Per 48

Andre Drummond	22.692
Day'Ron Sharpe	19.674
Clint Capela	19.228
Rudy Gobert	18.761
Jonas Valanciunas	18.722
Jalen Duren	17.984
Jusuf Nurkic	17.417
Victor Wembanyama	17.196
Ivica Zubac	16.590
Walker Kessler	16.493

Assists Per 48

Trae Young	13.316
Chris Paul	13.220
Russell Westbrook	12.803
Tyrese Haliburton	12.518
James Harden	11.997
Luka Doncic	11.369
T.J. McConnell	11.329
Vasilije Micic	11.080
Draymond Green	10.909
LeBron James	10.881

Fate of the Universe on
the line...

The Martians have the
Death Beam pointed at
Earth...

I want...

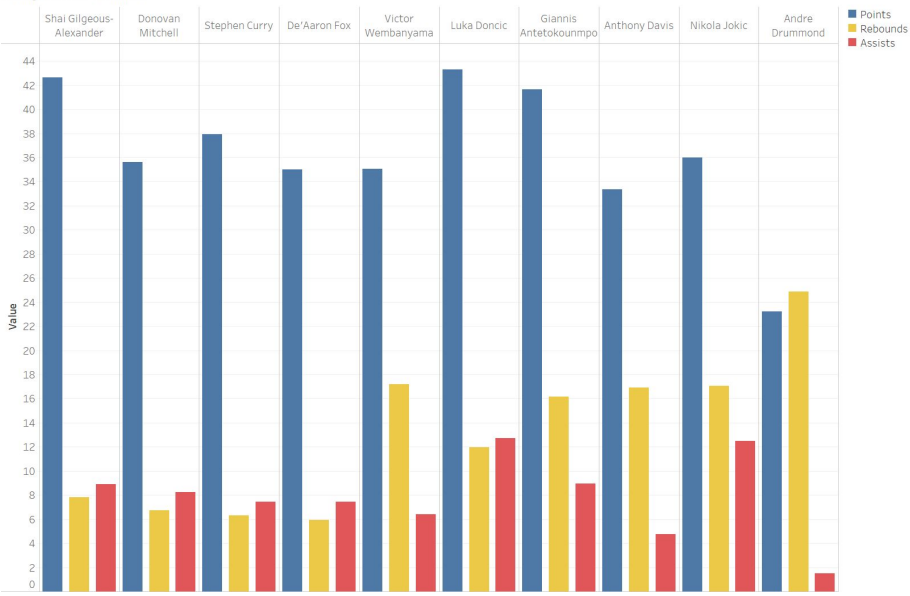
Best Statistical Roster

- Guard
 - Shai Gilgeous-Alexander
 - Donovan Mitchell
 - Stephen Curry
 - De'Aaron Fox
- Forward
 - Victor Wembanyama
 - Luka Doncic
 - Giannis Antetokounmpo
 - Anthony Davis
- Center
 - Nikola Jokic
 - Andre Drummond

Best Statistical Roster

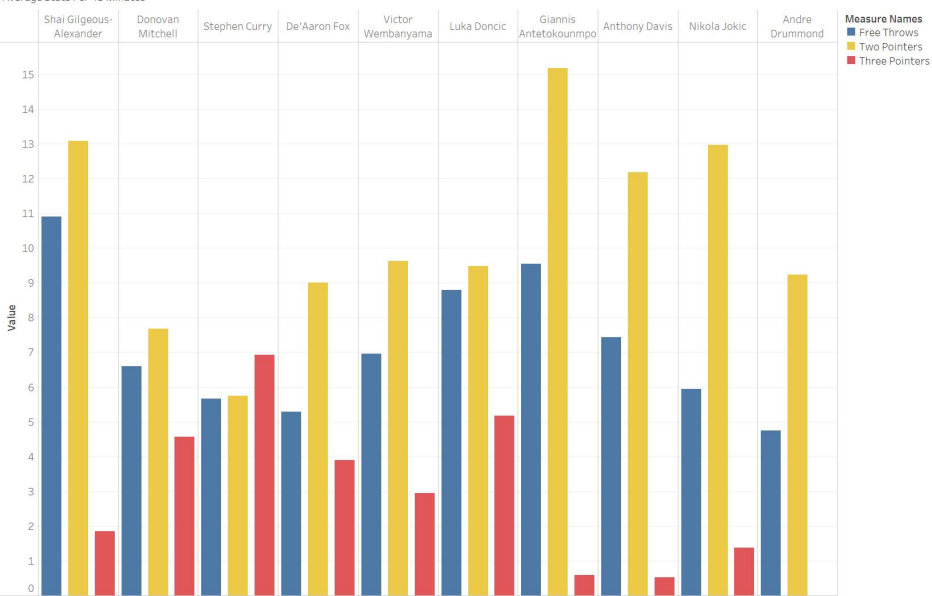
Best Possible Roster Stats

2024 Season
Average Stats Per 48 Minutes



Best Possible Roster Points Breakdown

2024 Season
Average Stats Per 48 Minutes



Missing Metrics

- Defensive
 - Individual
 - Team
 - Non Traditional “Hustle” Stats
- Biometrics
 - Height
 - Wingspan
 - Vertical
 - Speed
 - Age

Other Considerations

- Salary
- Identity
- Chemistry
- Experience
- Personality
- Effort
- Marketability

Applications

- Free Agency Signings
- Team Rebuilds
- Roster Building



Welcome to the 2025 Expansion Draft



Vegas Draft Board

- Unprotected Players
 - Non Award Winning Players
 - All - Stars
 - All - NBA
 - All - Defensive
 - All - Rookie
- Team Requirements
 - Win Now
 - Established Players
 - Best Available - No Financial Requirements

Top available players vegas

Vegas Draftboard

Point Leaders

Per 48 Minutes

Cam Thomas	29.714
CJ McCollum	29.655
Jordan Clarkson	27.828
Jordan Poole	27.714
Naz Reid	27.217
Michael Porter Jr.	26.862
Jonas Valanciunas	26.477
RJ Barrett	26.267
GG Jackson	26.239
Jonathan Kuminga	26.069

Vegas Draftboard

Rebounds Leaders

Per 48 Minutes

Day'Ron Sharpe	19.674
Clint Capela	19.228
Jonas Valanciunas	18.722
Jusuf Nurkic	17.417
Ivica Zubac	16.590
Paul Reed	16.468
Jalen Smith	15.421
Kevon Looney	15.040
Bobby Portis	15.023
Nic Claxton	14.820

Vegas Draftboard

Assists Leaders

Per 48 Minutes

T.J. McConnell	11.329
Vasilije Micic	11.080
Tre Jones	10.379
Tyus Jones	9.893
Scoot Henderson	9.010
Markelle Fultz	8.824
Marcus Sasser	8.771
Spencer Dinwiddie	8.689
Blake Wesley	8.673
Cameron Payne	8.573

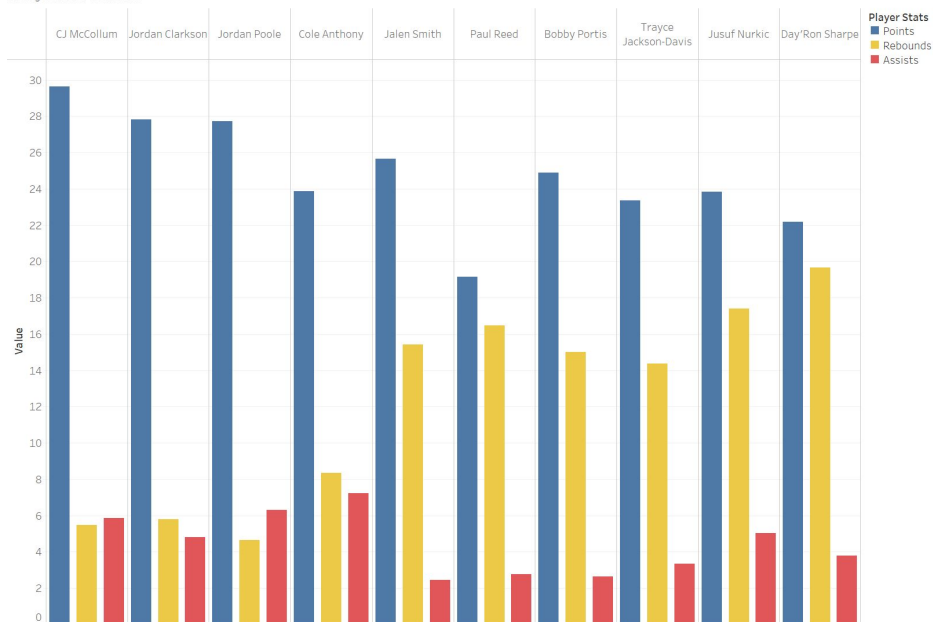
Vegas roster

- Guard
 - CJ McCollum
 - Jordan Clarkson
 - Jordan Poole
 - Cole Anthony
- Forward
 - Jalen Smith
 - Paul Reed
 - Bobby Portis
 - Trayce Jackson-Davis
- Center
 - Jusuf Nurkic
 - Day'Ron Sharpe

Vegas Breakdown

Vegas Roster Stats

Average Stats Per 48 Minutes



Vegas Roster Point Breakdown

Average Stats Per 48 Minutes



Vegas Stats

Vegas Expected Game Stats

	Points* F	FG*	FGA*	3P*	3PA*	FT*	FTA*	OR*	DR*	R*	A*	B*	S*	TO*
Team Totals	124.1	48.3	97.9	9.6	27.5	17.9	24.6	20.1	41.2	61.3	22.1	7.5	7.3	15.4
CJ McCollum	14.8	5.7	12.5	1.9	4.8	1.6	2.0	0.5	2.3	2.7	2.9	0.3	0.7	1.4
Jordan Clarkson	13.9	5.2	12.1	1.7	5.1	1.8	2.2	0.7	2.2	2.9	2.4	0.1	0.7	1.6
Jordan Poole	13.9	4.7	11.4	2.0	5.9	2.5	2.9	0.3	2.0	2.3	3.2	0.2	0.7	1.9
Jalen Smith	12.8	4.9	9.5	1.2	3.5	1.9	2.6	2.5	5.2	7.7	1.2	1.0	0.4	1.3
Bobby Portis	12.4	5.0	10.6	1.2	3.0	1.2	1.6	2.0	5.5	7.5	1.3	0.4	0.6	1.2
Cole Anthony	11.9	4.2	10.1	1.2	3.6	2.3	2.7	0.6	3.6	4.2	3.6	0.4	0.7	1.8
Jusuf Nurkic	11.9	4.7	9.4	0.2	0.7	2.3	3.5	2.5	6.2	8.7	2.5	1.1	0.9	2.2
Trayce Jackson-...	11.7	5.1	7.2	0.0	0.0	1.4	2.9	2.9	4.3	7.2	1.7	1.5	0.6	1.1
Day'Ron Sharpe	11.1	4.6	8.0	0.1	0.4	1.8	2.9	4.6	5.3	9.8	1.9	1.2	0.7	1.9
Paul Reed	9.6	4.2	7.2	0.2	0.6	1.0	1.4	3.4	4.8	8.2	1.4	1.3	1.4	1.2

Playoff Team Averages

Points	FG	FGA	3P	3PA	FT	FTA	OR	DR	R	A	B	S	TO
111.4	41.0	87.4	11.8	32.3	17.6	22.7	10.2	34.2	44.4	24.6	5.0	7.7	13.2

Seattle Draft Board

- Unprotected Players
 - Non Award Winning Players
 - All Stars
 - All - NBA
 - All - Defensive
 - All - Rookie
- Team Requirements
 - Win In The Future
 - Young Guns
 - Must not have played in the league prior to 2022

Top available players seattle

Seattle Draftboard

Point Leaders

Per 48 Minutes

Cam Thomas	29.714
GG Jackson	26.239
Jonathan Kuminga	26.069
Jaden Hardy	25.898
Alperen Sengun	25.609
Duop Reath	24.688
Trayce Jackson-Davis	23.355
Scot Henderson	22.905
Day'Ron Sharpe	22.172
Marcus Sasser	21.503

Seattle Draftboard

Rebound Leaders

Per 48 Minutes

Day'Ron Sharpe	19.674
Nick Richards	14.809
Trayce Jackson-Davis	14.369
Alperen Sengun	13.825
Jabari Walker	12.959
Jalen Johnson	12.774
Jaylin Williams	12.450
Ausar Thompson	12.216
Santi Aldama	10.572
Duop Reath	10.017

Seattle Draftboard

Assist Leaders

Per 48 Minutes

Vasilije Micic	11.080
Scot Henderson	9.010
Marcus Sasser	8.771
Blake Wesley	8.673
Andrew Nembhard	7.922
Jose Alvarado	6.786
Alperen Sengun	6.503
Davion Mitchell	6.332
Austin Reaves	5.892
Dyson Daniels	5.602

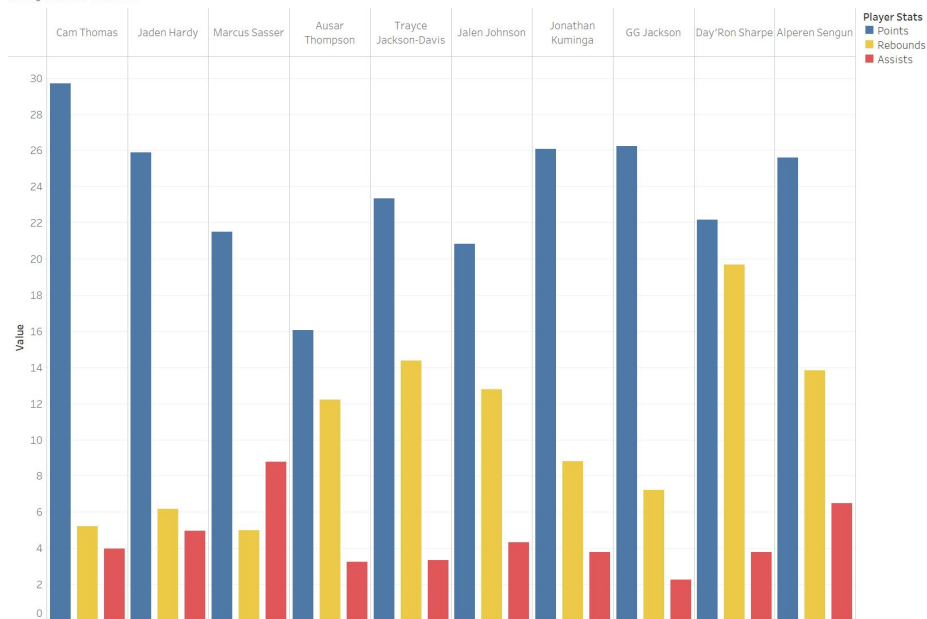
Seattle roster

- Guard
 - Cam Thomas
 - Jaden Hardy
 - Marcus Sasser
 - Ausar Thompson
- Forward
 - Trayce Jackson-Davis
 - Jalen Johnson
 - Jonathan Kuminga
 - GG Jackson
- Center
 - Day'Ron Sharpe
 - Alperen Sengun

Seattle breakdown

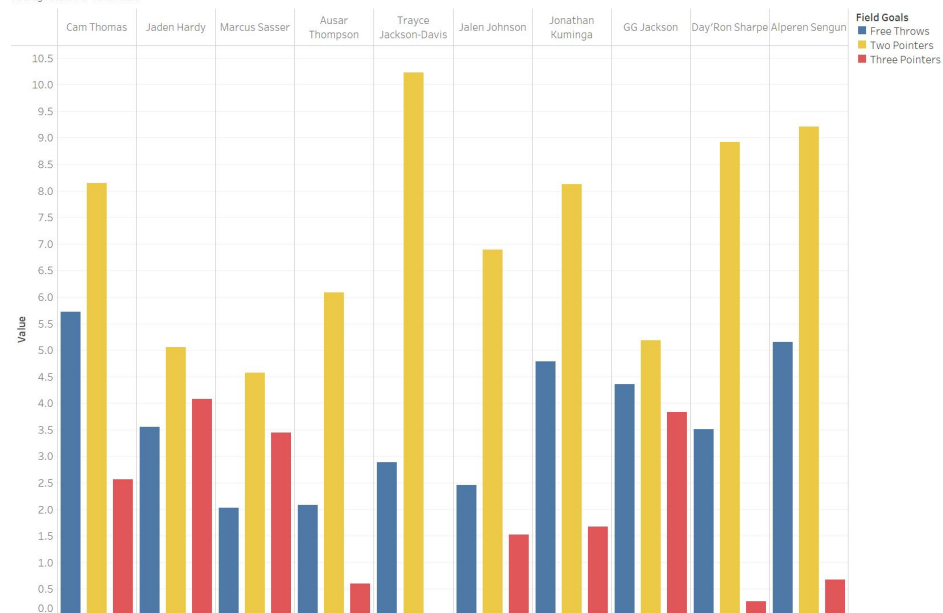
Seattle Roster Stats

Average Stats Per 48 Minutes



Seattle Roster Points Breakdown

Average Stats Per 48 Minutes



Seattle Stats

Seattle Expected Game Stats

Assuming each player with equal time on the court - 24 minutes per game

	Points*	FG*	FGA*	3P*	3PA*	FT*	FTA*	OR*	DR*	R*	A*	B*	S*	TO*
Team Total	118.7	45.5	92.2	9.3	27.2	18.3	26.3	15.8	36.8	52.7	22.5	6.5	7.2	14.7
Cam Thomas	14.9	5.4	12.0	1.3	3.9	2.9	3.4	0.3	2.3	2.6	2.0	0.2	0.6	1.3
GG Jackson	13.1	4.5	10.5	1.9	5.3	2.2	3.0	0.9	2.7	3.6	1.1	0.5	0.5	1.2
Jonathan Kuminga	13.0	4.9	9.6	0.8	2.5	2.4	3.4	1.2	3.2	4.4	1.9	0.5	0.7	1.5
Jaden Hardy	12.9	4.6	10.7	2.0	5.3	1.8	2.3	0.3	2.7	3.1	2.5	0.2	0.5	1.3
Alperen Sengun	12.8	4.9	9.5	0.3	1.2	2.6	3.7	2.4	4.6	6.9	3.3	0.8	0.9	2.2
Trayce Jackson-Davis	11.7	5.1	7.2	0.0	0.0	1.4	2.9	2.9	4.3	7.2	1.7	1.5	0.6	1.1
Day'Ron Sharpe	11.1	4.6	8.0	0.1	0.4	1.8	2.9	4.6	5.3	9.8	1.9	1.2	0.7	1.9
Marcus Sasser	10.8	4.0	9.2	1.7	4.2	1.0	1.2	0.2	2.3	2.5	4.4	0.3	0.9	1.8
Jalen Johnson	10.4	4.2	8.3	0.8	2.5	1.2	1.9	1.1	5.3	6.4	2.2	0.6	0.9	1.2
Ausar Thompson	8.0	3.3	7.3	0.3	1.9	1.0	1.8	2.0	4.1	6.1	1.6	0.8	1.0	1.2

Playoff Team Averages

Points	FG	FGA	3P	3PA	FT	FTA	OR	DR	R	A	B	S	TO
111.4	41.0	87.4	11.8	32.3	17.6	22.7	10.2	34.2	44.4	24.6	5.0	7.7	13.2

Questions