Overview	Number of Transfers by Conference	Player Migration: Tiers	Team Tier Glossary	Player Migration: Conference	Player Migration: Power 6 and Non-Power 6	Wins by % of Roster Transfers	Wins by % of Roster Transfers: Power 6 vs Non-Power 6	Coaches View: Box Score Stats

NCAA Men's Basketball Transfer Portal Research Overview



The purpose of "NCAA Transfer Portal Analysis" was to research and analyze the trends within the NCAA transfer portal for basketball.

The study looked at 898 basketball players with two years of data, one year before they transferred and one year after they transferred. The research method was first to create a tier system for basketball to determine how good a team they were. The teams were separated into 6 tiers, with Tier 6 being the lowest tier and containing all non-Dt teams. The other 5 tiers were based on the data's quartile range with Tier 1 being the outliers. Then a list of transfers fom between the 2022-2023 season and the 2023-2024 season was collected the statistics as well for the players for those two seasons.

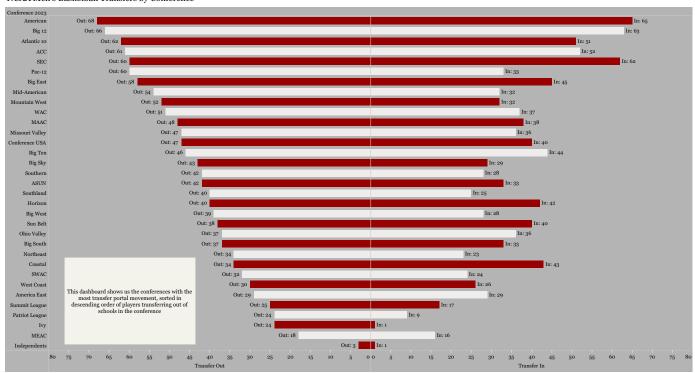
This is the Tableau Public Story the student researchers have made in conjunction with a presentation to the NCAA. With the leadership of Dr. David Pierce, director of the IU Indianapolis Sports Innovation Institute, graduate students: Chandler Davis, Maggie Wade, Chin-Yu Wu, and Kael Ecord, have developed the key findings and visuals found in the study.

Presentation Slides: NCAA Transfer Portal Research.pptx

Data Sources: EvanMiya.com and ESPN.com

Overview	Number of Transfers by Conference	Player Migration: Tiers	Team Tier Glossary	Player Migration: Conference	Player Migration: Power 6 and Non-Power 6	Wins by % of Roster Transfers	Wins by % of Roster Transfers: Power 6 vs Non-Power 6	Coaches View: Box Score Stats	

NCAA Men's Basketball Transfers by Conference



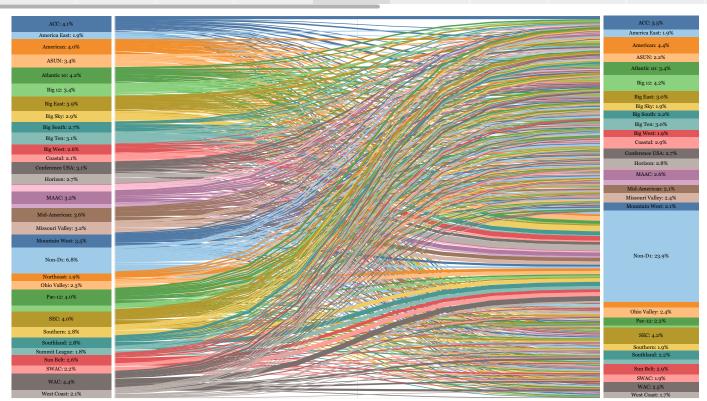
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Tier 1: 4.16%								Tier 1: 3.36%
Tier 2: 19.46%								Tier 2: 17.72%
Tier 3: 24.56%								Tier 3: 20.54%
								Tier 4: 19.73%
Tier 4: 25.30%					3			Tier 5: 15.03%
Tier 5: 20.07%								

To be in our dataset, players had to play at least one season in a D-1 program, hence you will not see our Tier 6 to Tier 6 transfers (Transfers between Non-D1 programs)

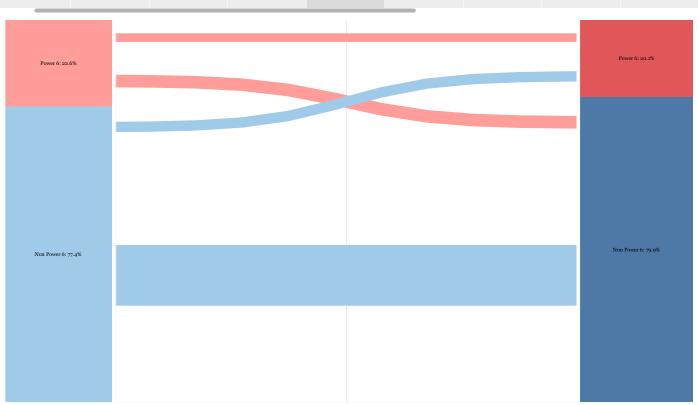
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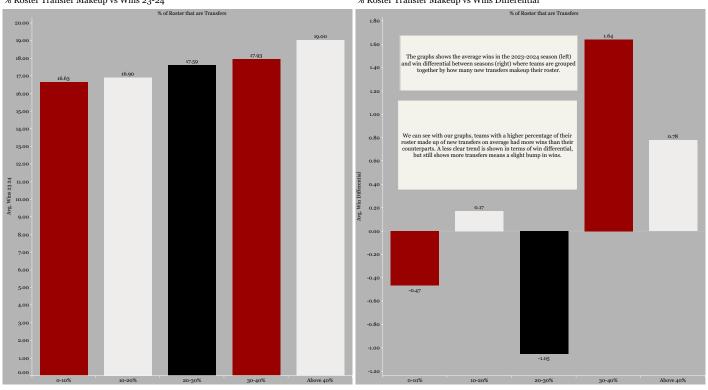
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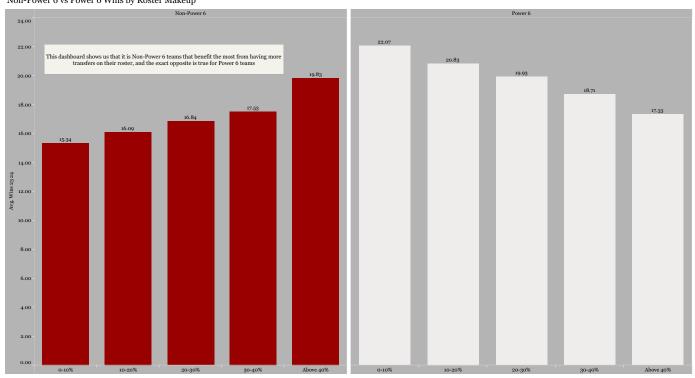
% Roster Transfer Makeup vs Wins 23-24

% Roster Transfer Makeup vs Wins Differential

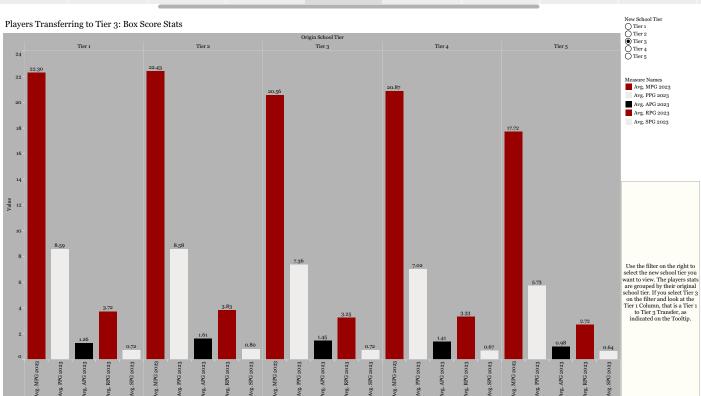


Team Tier Glossary	Player Migration: Conference	Player Migration: Power 6 and Non-Power 6	Wins by % of Roster Transfers	Wins by % of Roster Transfers: Power 6 vs Non-Power 6	Coaches View: Box Score Stats	Coaches View: BPR	Player BPR Scatterplot	Non-Transfers vs Transfers	

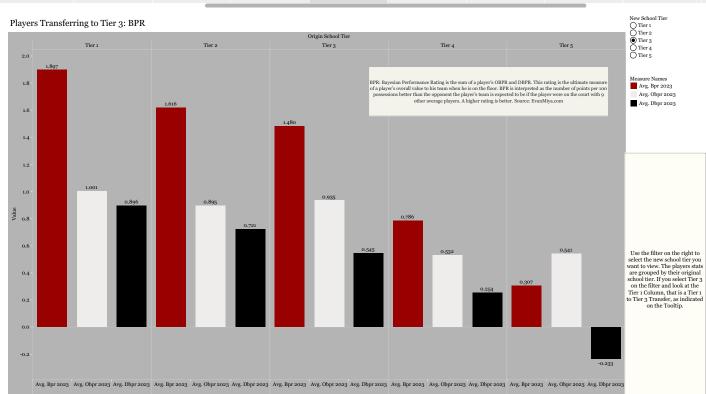
Non-Power 6 vs Power 6 Wins by Roster Makeup

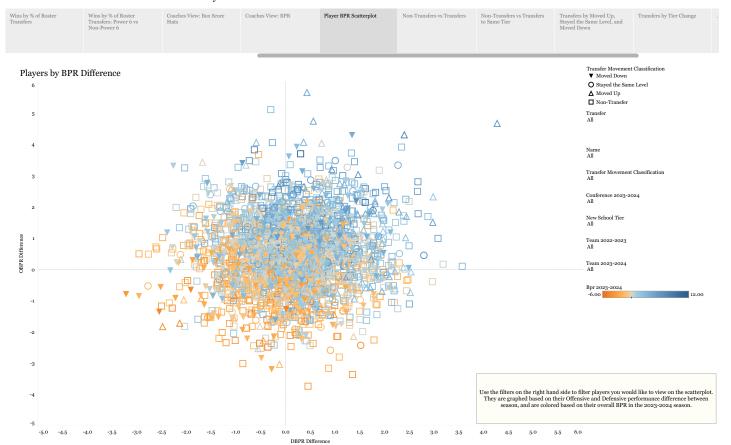


Player Migration: Conference	Player Migration: Power 6 and Non-Power 6	Wins by % of Roster Transfers	Wins by % of Roster Transfers: Power 6 vs Non-Power 6	Coaches View: Box Score Stats	Coaches View: BPR	Player BPR Scatterplot	Non-Transfers vs Transfers	Non-Transfers vs Transfers to Same Tier	



Player Migration: Power 6 and Non-Power 6 and Non-Power 6 wins by % of Roster Transfers: Power 6 vs Non-Power 6 Non-Power

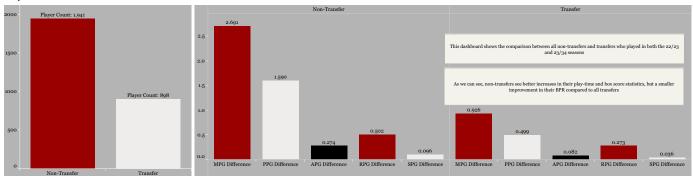




Wins by % of Roster Transfers: Power 6 vs Non-Power 6	Coaches View: Box Score Stats	Coaches View: BPR	Player BPR Scatterplot	Non-Transfers vs Transfers	Non-Transfers vs Transfers to Same Tier	Transfers by Moved Up, Stayed the Same Level, and Moved Down	Transfers by Tier Change	Did Player BPR Improve after Transferring?	

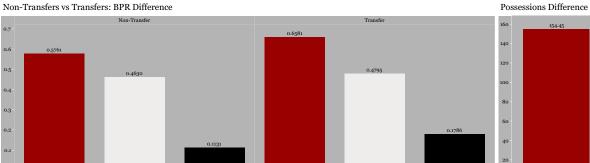
Player Count

Non-Transfers vs Transfers: Box Score Stats



Non-Transfers vs Transfers: BPR Difference

OBPR Difference



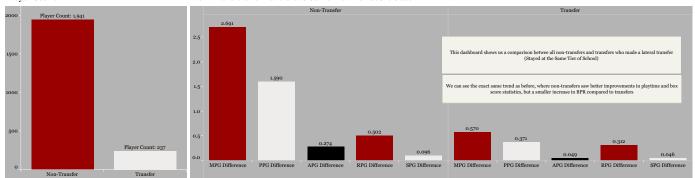
BPR Difference

OBPR Difference

Coaches View: Box Score Stats	Coaches View: BPR	Player BPR Scatterplot	Non-Transfers vs Transfers	Non-Transfers vs Transfers to Same Tier	Transfers by Moved Up, Stayed the Same Level, and Moved Down	Transfers by Tier Change	Did Player BPR Improve after Transferring?	Predicted vs Actual BPR

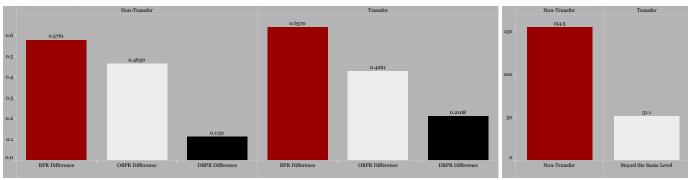
Player Count

Non-Transfers vs Transfers to Same Tier: Box Score Stats



Non-Transfers vs Transfers to Same Tier: BPR

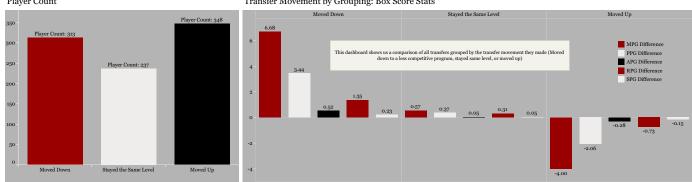
Possessions Difference



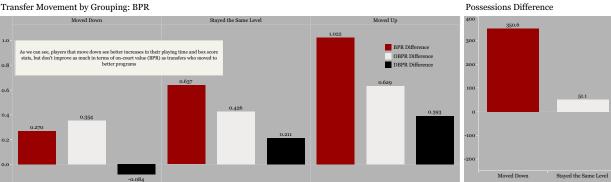
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Player Count

Transfer Movement by Grouping: Box Score Stats



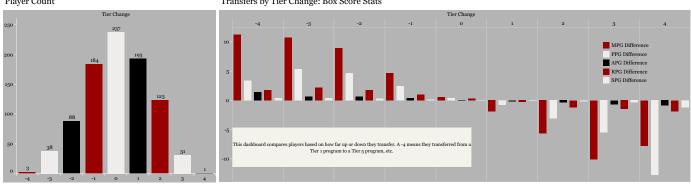
Transfer Movement by Grouping: BPR





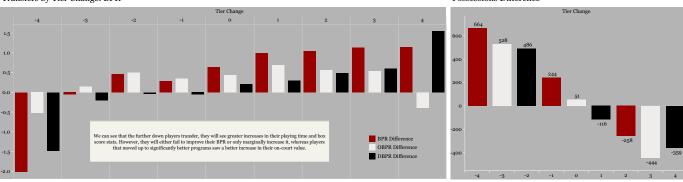


Transfers by Tier Change: Box Score Stats



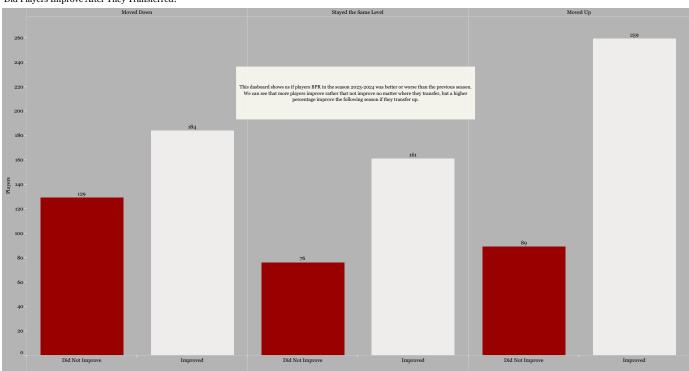
Transfers by Tier Change: BPR

Possessions Difference



-	Coaches View: Box Score Stats	Coaches View: BPR	Player BPR Scatterplot	Non-Transfers vs Transfers	Non-Transfers vs Transfers to Same Tier	Transfers by Moved Up, Stayed the Same Level, and Moved Down	Transfers by Tier Change	Did Player BPR Improve after Transferring?	Predicted vs Actual BPR

Did Players Improve After They Transferred?



Coaches View: Box Score Stats	Coaches View: BPR	Player BPR Scatterplot	Non-Transfers vs Transfers	Non-Transfers vs Transfers to Same Tier	Transfers by Moved Up, Stayed the Same Level, and Moved Down	Transfers by Tier Change	Did Player BPR Improve after Transferring?	Predicted vs Actual BPR

Performance Vs Prediction

