

Freshman Recruits Analysis



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Introduction



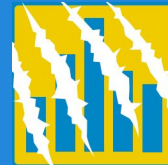
About:

- Analyze the impact of ESPN SC Next 100 recruits
- Goal: look at the true value of recruiting out of high school

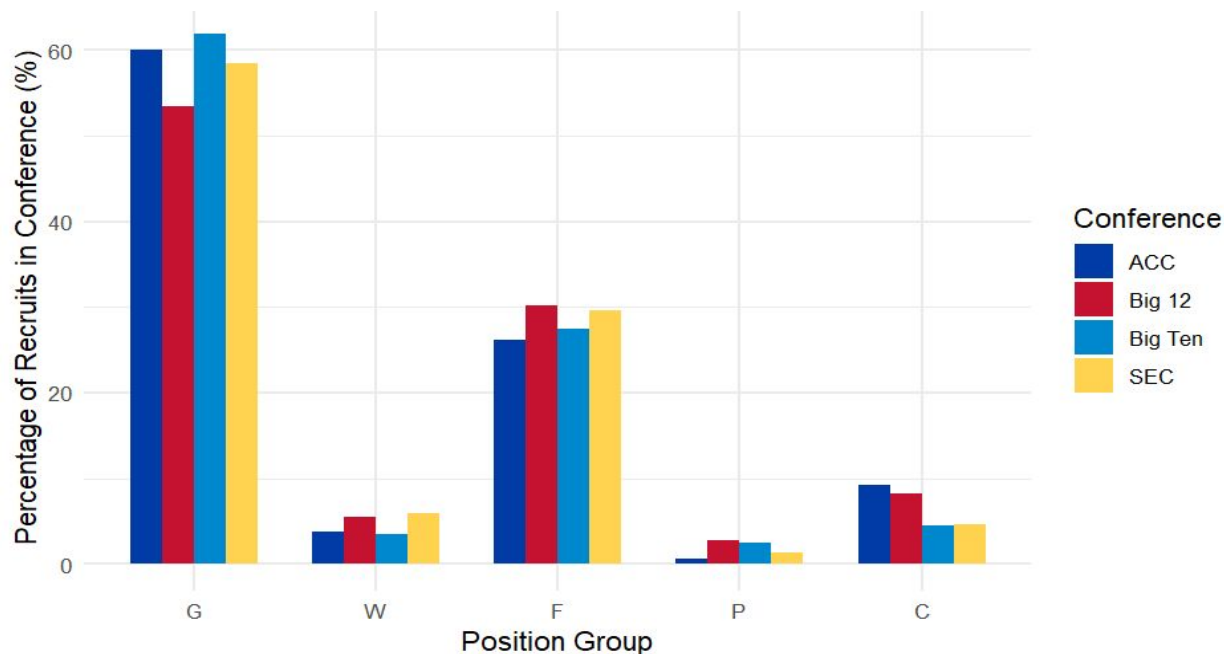
Methodologies:

- Web scraper built off of transfer team to include game logs and advanced metrics of each player of each D1 team on sports reference from past 10 years (2017-2026)

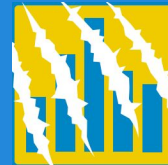
Conference & Position Distribution



Share of Top-100 Recruits by Position within Power 4 Conferences



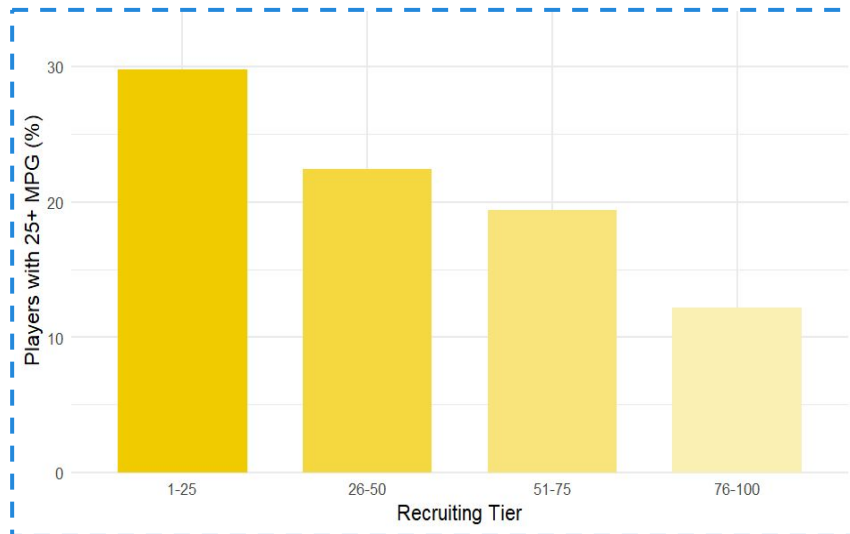
Impact Analysis



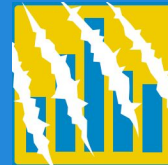
Average Freshman Usage Rate by Position
(2017 - 2025)



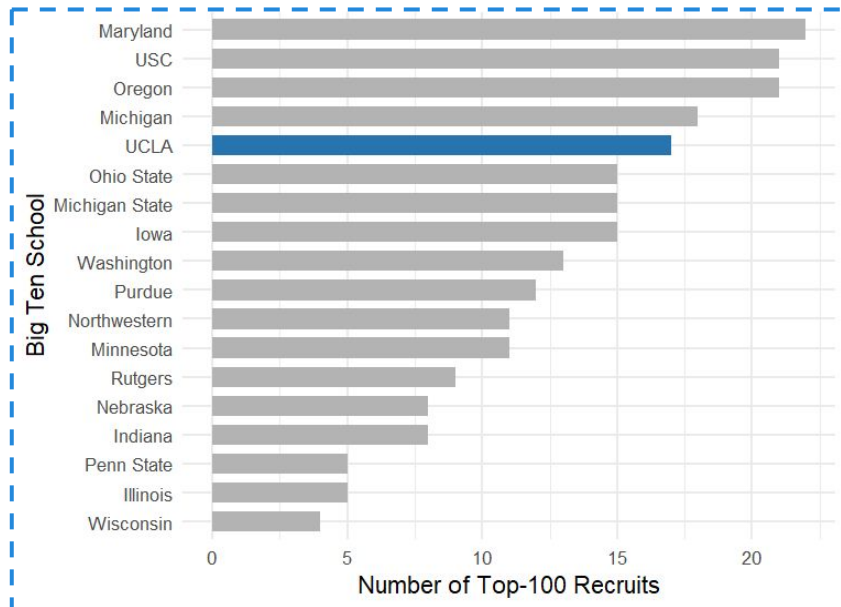
Freshman Playing 25+ MPG by Recruiting Tier



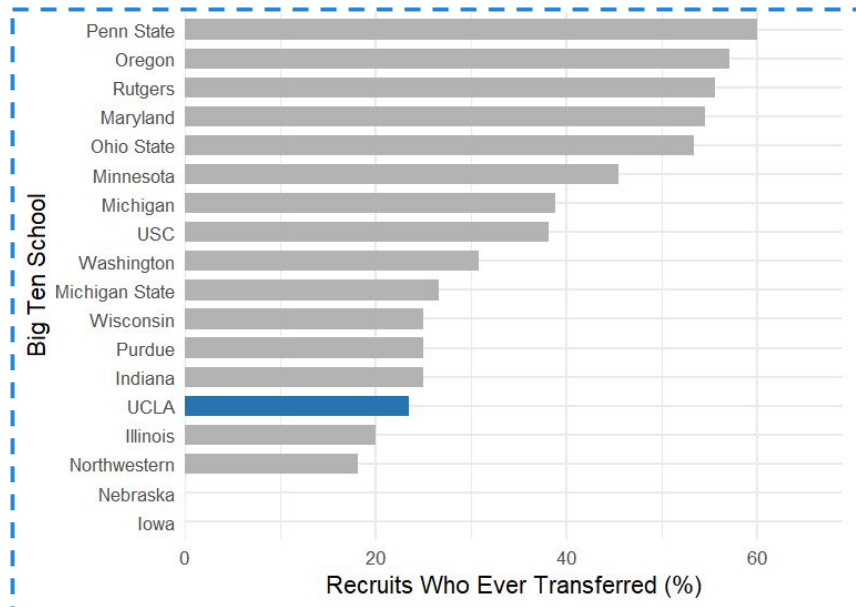
UCLA / Big Ten Recruiting



Big Ten Schools' Top-100 Recruits (2016 - 2024)



Transfer Rate of Top-100 Big Ten Recruits



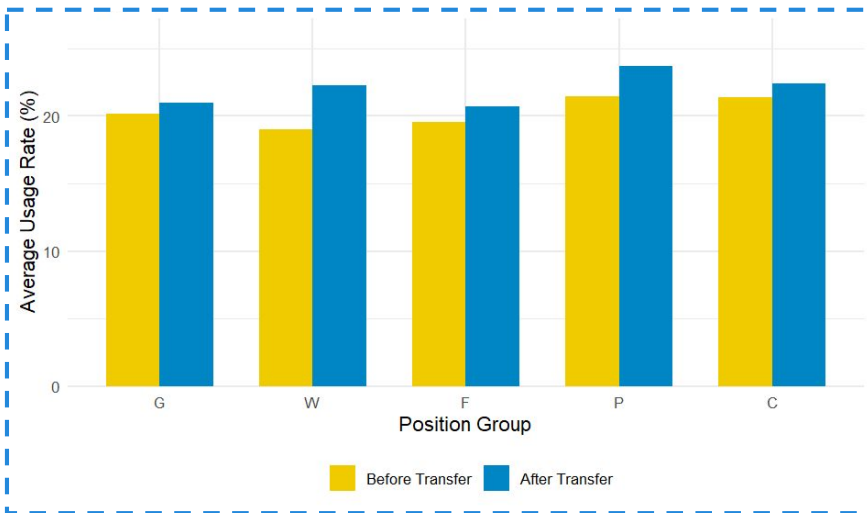
Transfer Patterns



When do Top-100 Recruits Transfer?



Usage Rate Before vs. After Transfer by Position



Challenges / Future Work



Challenges:

- Scraping is quite inefficient → Should find an API (allows for fewer DB calls)
- Incomplete data from both COVID seasons (2020, 2021) → Find a better data source

Future Work:

- Add in support for multi-year data and more advanced year-to-year analysis
- Implement a RAG-type chatbot that puts filters together for the dashboard database