

Executive Summary

Youth Activity Night Availability Analysis

Purpose

Fall Hill, Massaponnax, and Spotsylvania Ward youth groups meet in the church building on Tuesday, Wednesday, and Thursday nights, respectively. Many students have school sports and activities those evenings. There has been some conversations in the past about switching weeknights to balance attendance year to year for each ward. This analysis looks at which nights are busiest, so we can evaluate if there is benefit to alternating weeknights.

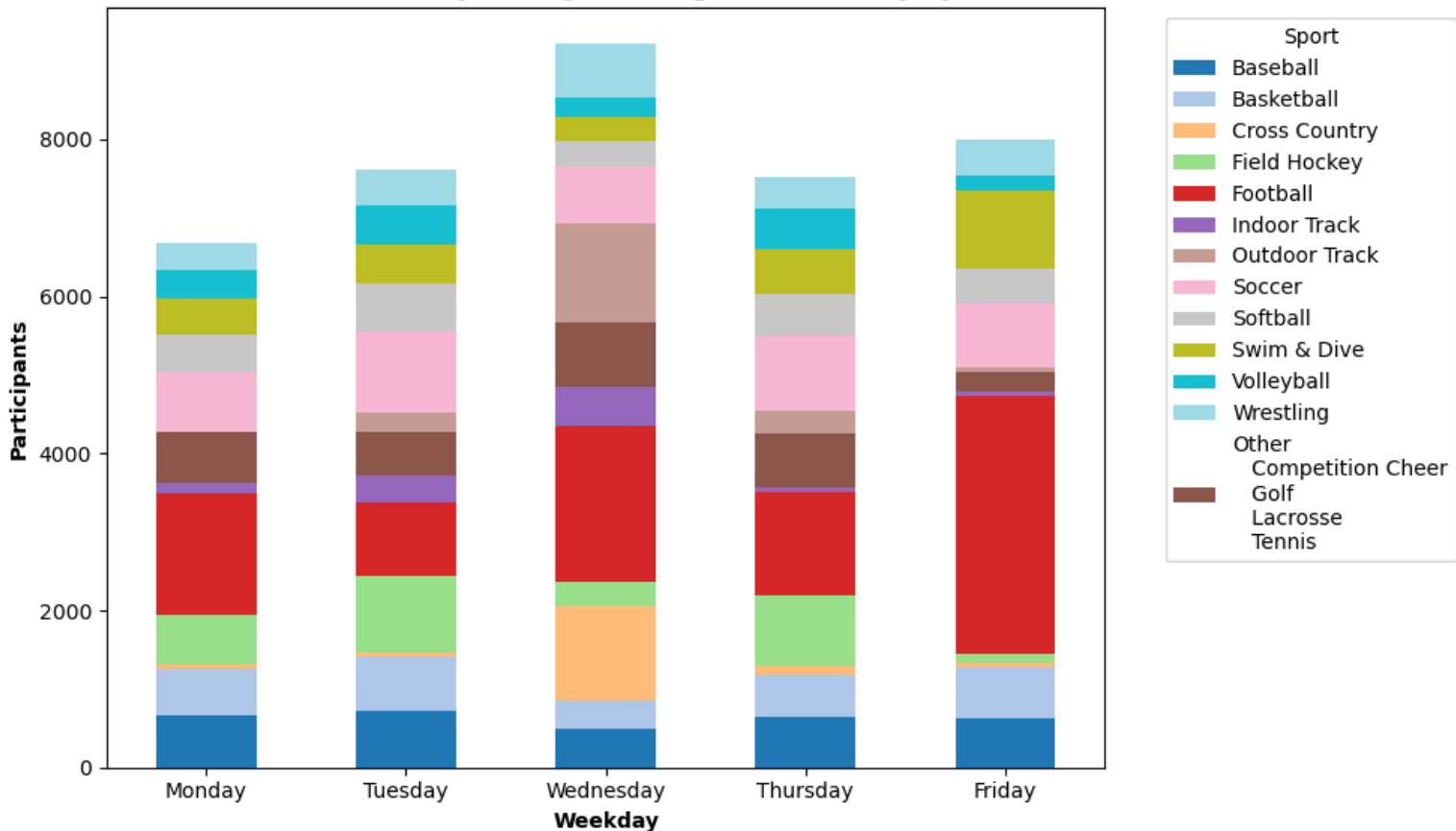
Approach

- Collected school sports calendars from the district calendar for 08/24-05/25
- Estimated number of students on each team
- Compared the average number of busy students each weeknight

Key Findings

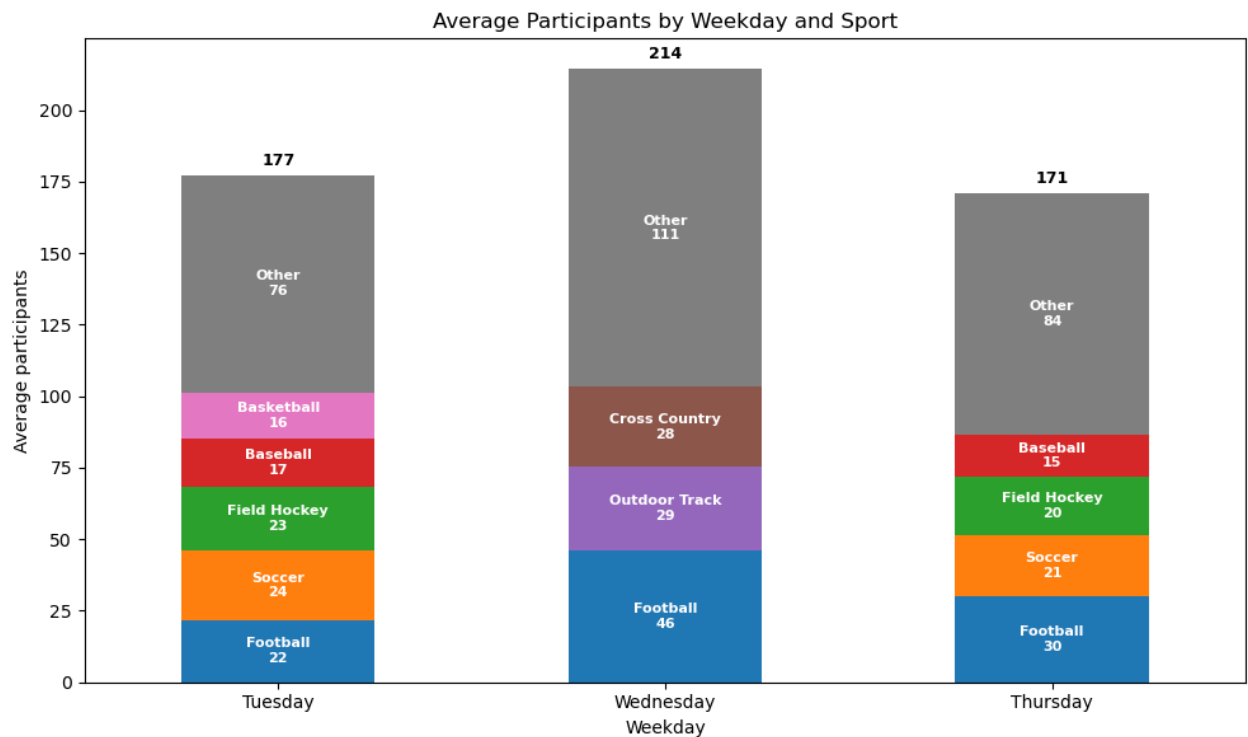
1. Wednesdays are the busiest nights, with the most students occupied with sports.
2. Football, Soccer, Field Hockey, Baseball, Track, and Basketball occupy the most students on average on Tuesdays, Wednesdays, and Thursdays.

Cumulative Participants by Weeknight (Stacked by Sport)



Implications

- Wednesday is the busiest night of the week, with an average of 214 students busy, mostly with Football, Track, and Cross Country
- Tuesday is better, with 177 students busy on average, mostly with Soccer, Field Hockey, and Football
- Thursday is like Tuesday, with 171 students busy on average, mostly with Football, Soccer, and Field Hockey.



Recommendations

- Don't alternate weeknights. All of them are busy, and there is inconvenience to changing schedules around, including work schedules for adult leaders. The difference is 43 students between Wednesdays with 214 and Thursdays with 171 average students in the whole district who are busy. This translates to maybe one more student who attends youth group being unable to attend Wednesday compared to Thursdays.

Scope and Limitations

- This data only includes the events listed on the district calendar. Some schools and sports may use the calendar less than others, falsely skewing the data. Some schools included practices on the district calendar, while others did not. Because roster data was not widely available, the team roster size is estimated, not exact.