

NCAA Baseball: Trends in Roster Composition, Run Scoring, and Pitcher/Player Use

Compiled for: Kyle King, Director of Administration and Special Projects, UVA Athletics

Analysis by: Dominic Matriccino, Iain Muir, Hriday Singh, Derek Tao, Jeffrey Holt, Jordon Rodu

This report provides summary statistics on the use of pitchers, composition of rosters, and run scoring for NCAA baseball during the 2016-2021 seasons. Some general observations:

- There was a large increase in roster sizes from the 2020 to 2021 seasons, presumably due to changes in NCAA rules about roster sizes.
- The increase in roster sizes focused primarily on freshman and seniors, with numbers of sophomores and juniors relatively unchanged. The same trend held when considering percentages of roster spots as opposed to raw counts, with an increase in the percentage of freshman and seniors and a decrease in the percentages of sophomores and juniors.
- By position, pitchers were the most commonly added but also made up the largest fraction of the roster. As a percentage of roster spots, there was little change from position to position.
- Run scoring is generally up for visiting teams but mixed for home teams.
- The percentage of 10-run (or greater) games increased overall, although with considerable variation among conferences.
- The average number of pitchers used per game was up, and (not surprisingly) the average number of innings per starter was down.
- The numbers of runs per reliever per nine innings was modestly up.
- The average number of non-pitchers used per game was fairly flat.
- The average number of pinch hitters used per game was strikingly consistent.

What follows are more details on the data analysis. A few assumptions:

- The analysis of rosters covers all of the 2016-2021 seasons, under the assumption that although COVID-19 resulted in the majority of 2020 games being cancelled it did not alter the rosters.
- For consistency, analysis using game data (player usage and run scoring) only used games between Power-5 schools and did not include any post season games (conference tournaments and CWS.)
- Any analysis involving game data ignored the entire 2020 season, as there were very few conference or Power-5 games played due to COVID-19.

Roster Composition: Overall

- Teams significantly increased roster sizes from the 2020 to the 2021 season, by an average of +5.84 players per team across Power 5
- Conference average change: maximum = Pac12 (+6.73); minimum = Big 10 (+4.38).
- Individual school 2020-21 roster size changes ranged from maximum = 17 (Missouri, Washington St) to minimum = -2 (Alabama); UVA increased by 3.
- Only three schools had smaller rosters in 2021 than in 2020.

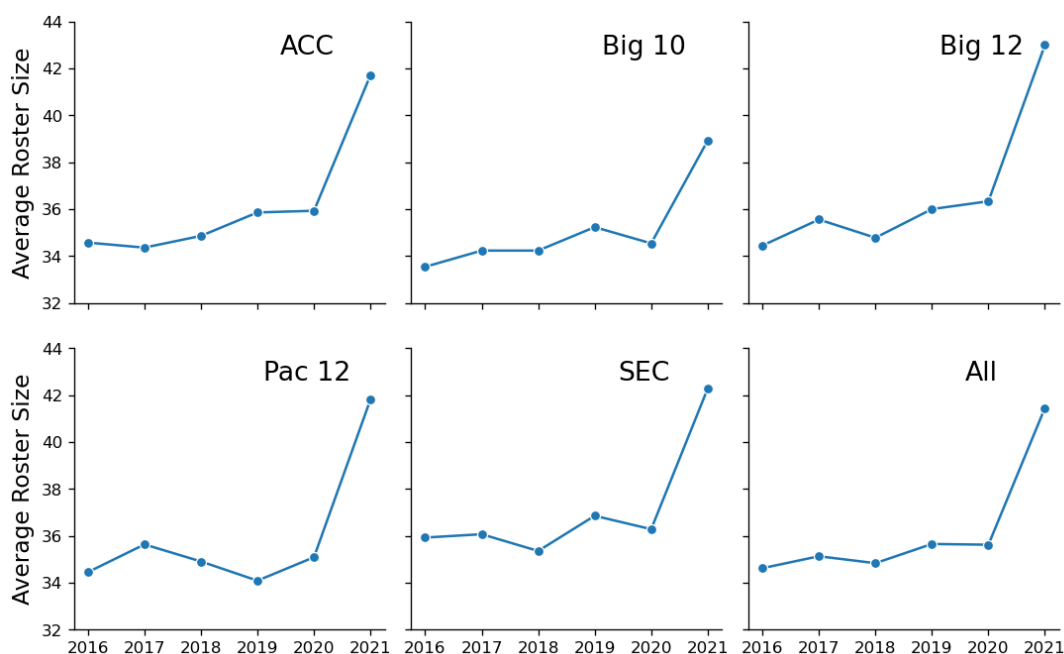


Figure 1: Average roster sizes, by conference and all Power-5

	ACC	Big10	Big12	Pac12	SEC	All
2016	34.57	33.54	34.44	34.45	35.93	34.62
2017	34.36	34.23	35.56	35.64	36.07	35.13
2018	34.86	34.23	34.78	34.91	35.36	34.84
2019	35.86	35.23	36.00	34.09	36.86	35.66
2020	35.93	34.54	36.33	35.09	36.29	35.62
2021	41.71	38.92	43.00	41.82	42.29	41.46

Table 1: Average Roster Sizes, by Conference and All

Roster Composition: Number of players by class

- The increase in roster sizes from 2020 to 2021 was most pronounced in the freshman class (average = +4.0) and to a lesser extent the senior class (average = +2.08). The amount varied considerably across conferences, with freshman from +0.86 (SEC) to +7.22 (Big 12) and seniors from -0.23 (Big 12) to +3.93 (SEC).
- The number of sophomores increased slightly (average = +1.07) while the number of juniors decreased slightly (average = -1.31). None of the conferences had large changes.
- Graphs for each conference and all Power-5 with roster sizes by class and a table of averages for all Power-5 by class are below; a table of data for each conference is in the appendix.

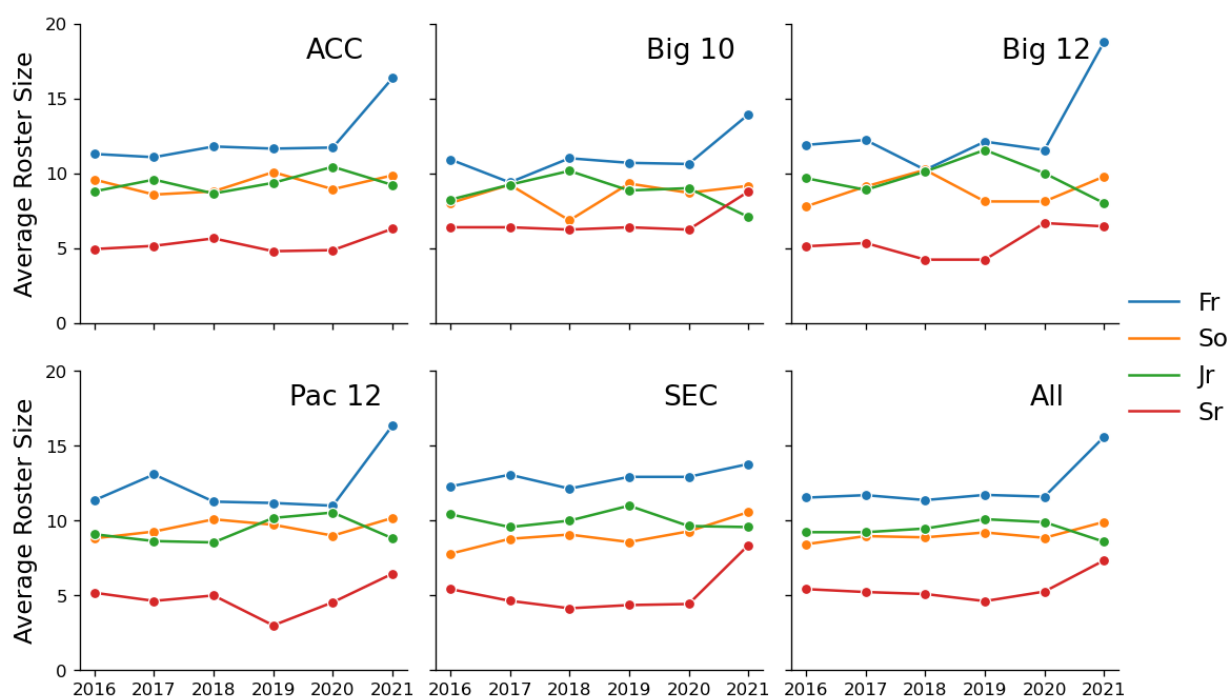


Figure 2: Average roster sizes by class, for each conference and all Power-5

	Fr	So	Jr	Sr	Total
2016	11.54	8.43	9.23	5.43	34.62
2017	11.70	8.97	9.23	5.23	35.13
2018	11.38	8.89	9.48	5.10	34.84
2019	11.72	9.21	10.10	4.62	35.66
2020	11.61	8.85	9.90	5.26	35.62
2021	15.61	9.92	8.59	7.34	41.46

Table 2: Average roster sizes, by year and class plus total roster, for all Power-5

Roster Composition: Percentage by class, number of players

- The percentage by class across rosters displayed less dramatic change in 2021 than overall roster sizes, but freshman and seniors did increase their relative percentage on teams on average. Sophomores retained about the same percentage of roster slots, while juniors lost ground as a percentage of total rosters.
- Figure 3 gives the average percentage by conference for freshman, sophomores, juniors, and seniors. Table 3 that follows gives the data for all Power-5 teams; an expanded table that shows each conference is in the appendix.

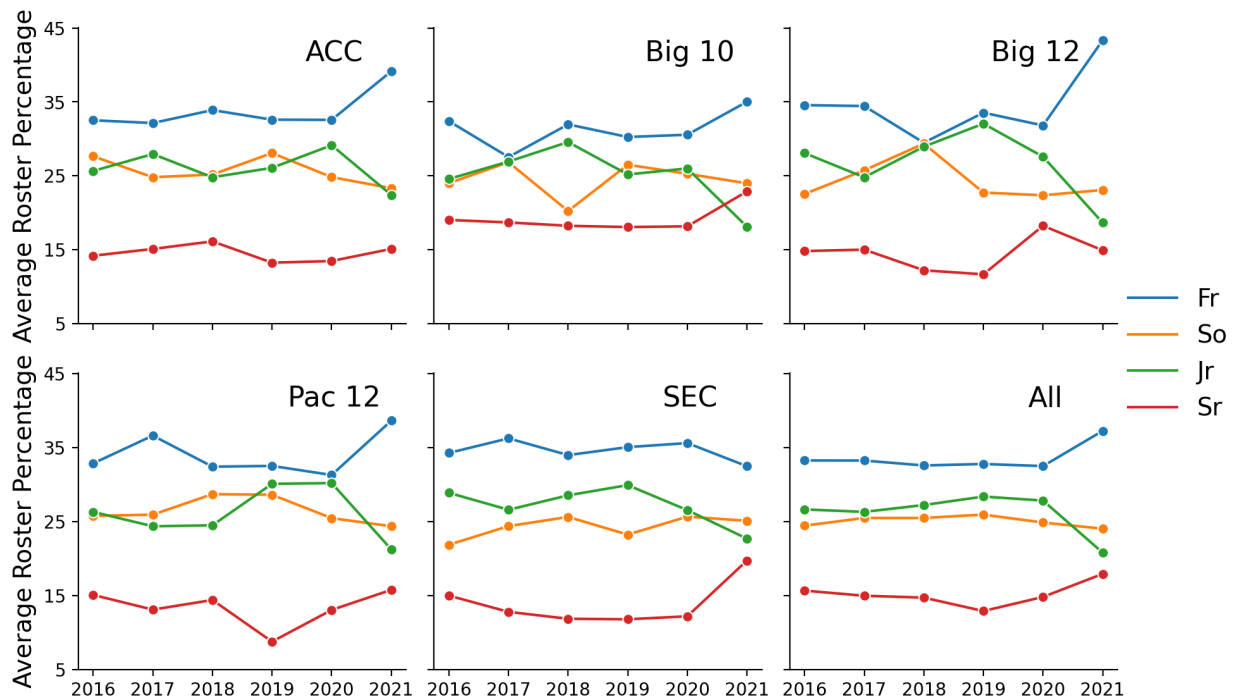


Figure 3: Average roster percentages by class, for each conference and all Power-5

	Fr	So	Jr	Sr
2016	33.33	24.34	26.66	15.67
2017	33.32	25.52	26.27	14.89
2018	32.66	25.51	27.20	14.64
2019	32.87	25.84	28.32	12.97
2020	32.58	24.85	27.80	14.77
2021	37.64	23.92	20.72	17.71

Table 3: Average roster percentages, by year and class, for all Power-5

Roster Composition: Number of players by position

- The increase in roster sizes 2020-21 was most heavily concentrated among pitchers (average = +3.32) followed by infielders (average = +1.22), outfielders (average = +0.69), catchers (average = +0.35), and utility players (average = +0.27). The pattern is generally consistent across conferences.
- Figure 4 shows the average roster size by position for 2016-21. Table 4 gives average roster sizes for each position across all conferences; an expanded table of separate conferences is in the appendix.

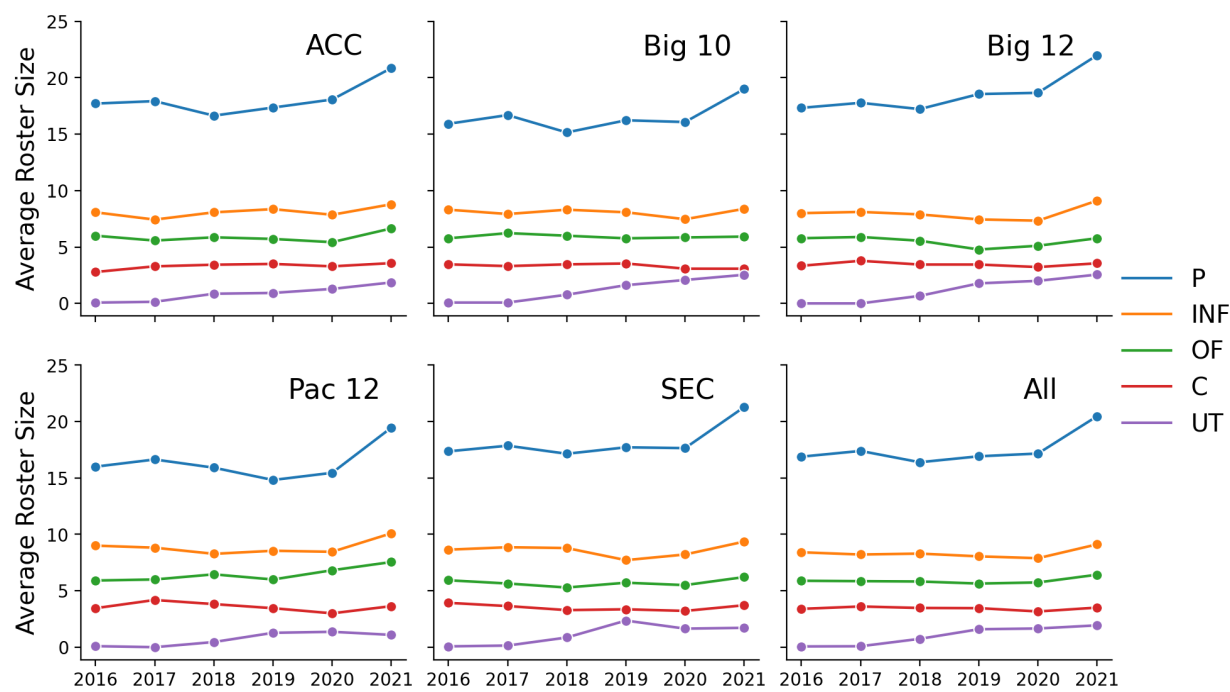


Figure 4: Average roster sizes for each position, by conference and all Power-5

	P	INF	OF	C	UT
2016	16.89	8.41	5.89	3.39	0.07
2017	17.39	8.21	5.85	3.61	0.08
2018	16.39	8.30	5.82	3.48	0.74
2019	16.92	8.05	5.64	3.46	1.59
2020	17.16	7.89	5.74	3.16	1.66
2021	20.48	9.11	6.43	3.51	1.93

Table 4: Average roster sizes, by year and position, for all Power-5

Roster Composition: Percentage by position

- As a *percentage* of team rosters, for the most part there was little change between 2021 and earlier seasons.
- The percentage of roster space taken up by pitchers generally remained in the upper 40's.
- The percentage of infielders, outfielders, and catchers has trended slightly downward, but that might be explained by more players being classified as "utility" which has noticeably increased.
- The graph below gives the average percentage by conference for pitchers, infielders, outfielders, catchers, and utility players. A table of average percentages across all conferences is given below; a table of separate conferences is in the appendix.

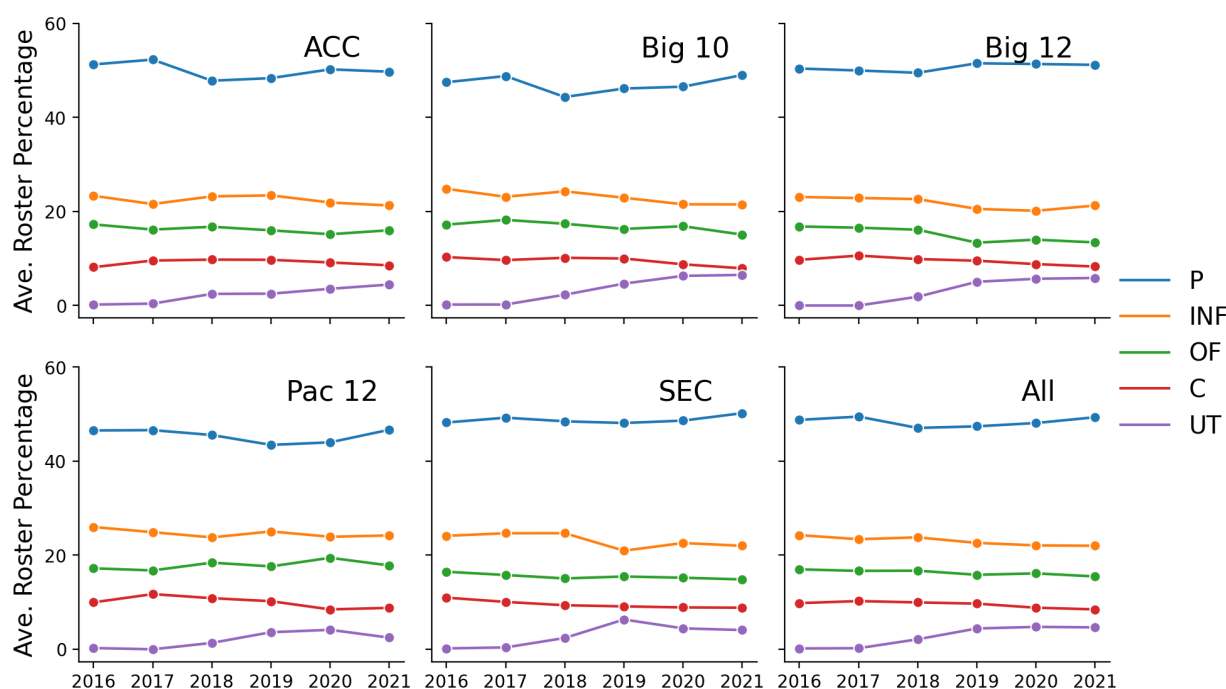


Figure 5: Total Average Roster Percentages for each Position, by Conference and all Power-5

	P	INF	OF	C	UT
2016	48.77	24.29	17.00	9.80	0.19
2017	49.51	23.38	16.66	10.27	0.23
2018	47.06	23.81	16.71	9.98	2.12
2019	47.45	22.57	15.82	9.70	4.46
2020	48.18	22.14	16.11	8.88	4.65
2021	49.39	21.98	15.50	8.46	4.67

Table 5: Average Roster Percentages, by Year and Position, All Power-5

Run Scoring: By conference

- Run scoring data is for seasons 2016-2020 and 2021, with the COVID-shortened 2020 season excluded. For consistency, the only games considered are those between Power-5 schools prior to the post-season conference and CWS tournaments.
- For all Power-5 schools, the average runs scored (2021 vs 2019) for home teams is down -0.21 and for visiting teams is up +0.48. Run scoring varied considerably within conferences: Up in the Big 10 and Big 12, down in the ACC and Pac 12, and mixed in the SEC. There is considerable year-to-year variation, suggesting that observed changes from 2019 to 2021 are quite possibly random.

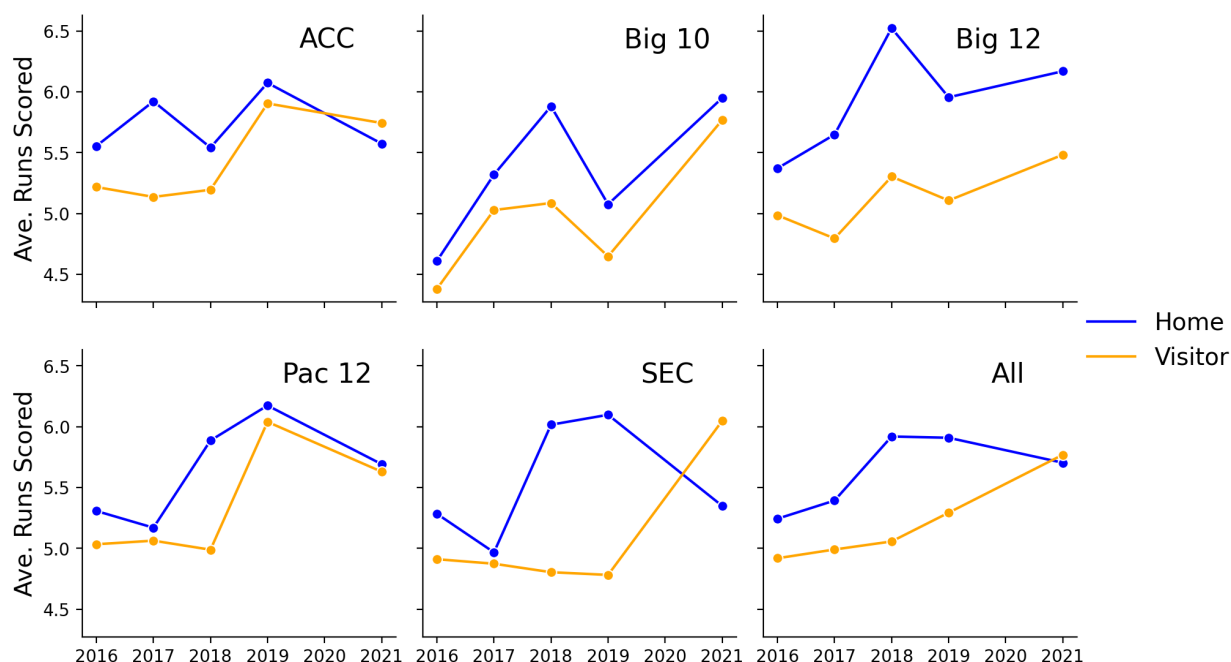


Figure 6: Average runs scored, home and visiting teams, by conference and all Power-5

		ACC	Big10	Big12	Pac12	SEC	All
Home	2016	5.56	4.61	5.37	5.31	5.28	5.24
	2017	5.92	5.32	5.65	5.17	4.97	5.39
	2018	5.54	5.88	6.52	5.89	6.02	5.92
	2019	6.07	5.08	5.96	6.17	6.10	5.91
	2021	5.57	5.95	6.17	5.69	5.35	5.70
Visitor	2016	5.22	4.38	4.99	5.03	4.91	4.92
	2017	5.14	5.03	4.80	5.06	4.87	4.99
	2018	5.20	5.09	5.30	4.99	4.80	5.06
	2019	5.90	4.65	5.11	6.04	4.78	5.29
	2021	5.74	5.77	5.48	5.63	6.05	5.77

Table 6: Average runs scored by home/visitor and year, and conference

Run Scoring: Percent teams scoring 10 or more runs

- There was an increase in the occurrence of teams scoring 10 or more runs across Power-5 schools during 2017-19, with relatively little change in 2019-21.
- Within conferences the occurrence of 10 or more run teams is erratic with different behaviors in different conferences.
- The graphs below show the average percentage of 10 or more runs scored (home and visitor) for each conference and all Power-5. The table gives the average percentages for each conference and all Power-5.

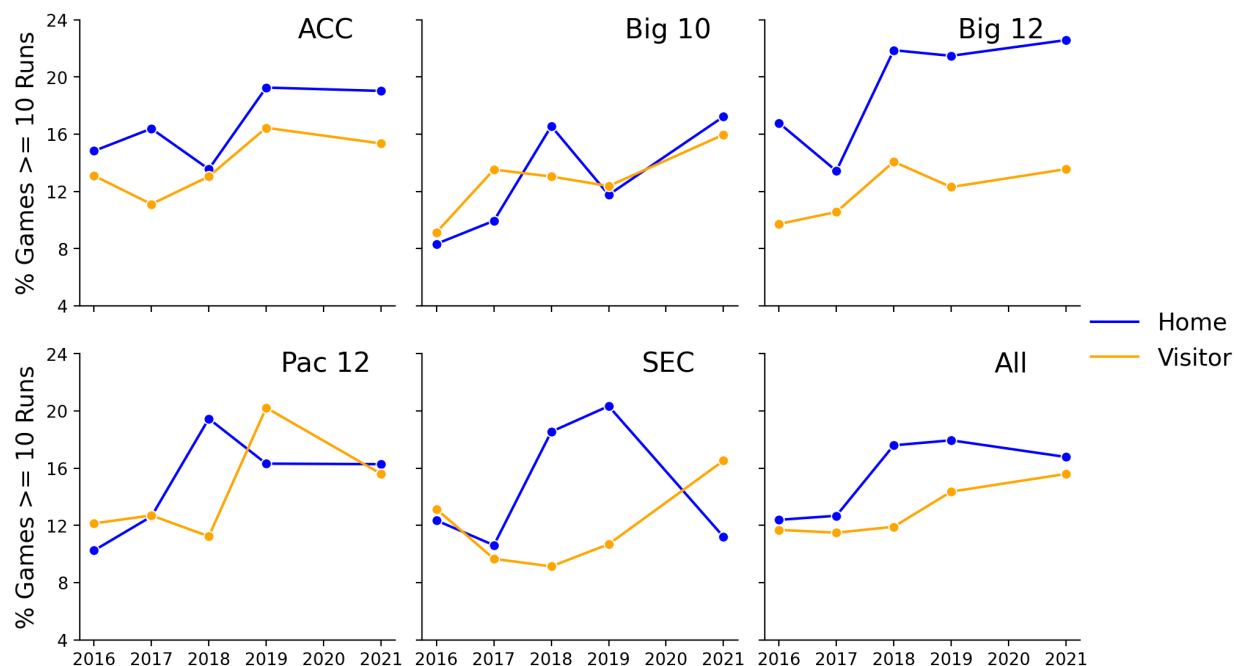


Figure 7: Percentage 10 or more runs scored, home and visiting teams, by conference and all Power-5

		ACC	Big10	Big12	Pac12	SEC	All
Home	2016	14.83	8.33	16.79	10.24	12.35	12.39
	2017	16.39	9.94	13.43	12.62	10.61	12.67
	2018	13.56	16.57	21.88	19.46	18.55	17.60
	2019	19.26	11.76	21.48	16.32	20.34	17.95
	2021	19.03	17.23	22.58	16.28	11.21	16.78
Visitor	2016	13.10	9.14	9.72	12.14	13.14	11.69
	2017	11.11	13.53	10.56	12.70	9.66	11.49
	2018	13.04	13.04	14.07	11.23	9.13	11.90
	2019	16.45	12.38	12.31	20.22	10.68	14.36
	2021	15.35	15.97	13.56	15.61	16.52	15.60

Table 7: Percentage 10 or more runs, by home/visitor, year, and conference

Pitcher Usage: Average pitchers per game, home and visitor

- Among all Power 5 conferences, the number of pitchers used has generally trended upward during 2016-21, although visiting teams showed little change 2019-21.
- Within conferences the number of pitchers used generally trended upward, although some dropped in 2019-21 (ACC and Big 12 home teams).
- The graphs below show the average number of pitchers used per (home and visitor) for each conference and all Power-5. The table gives the average number of pitchers used (home and visitor) for each conference and all Power-5.

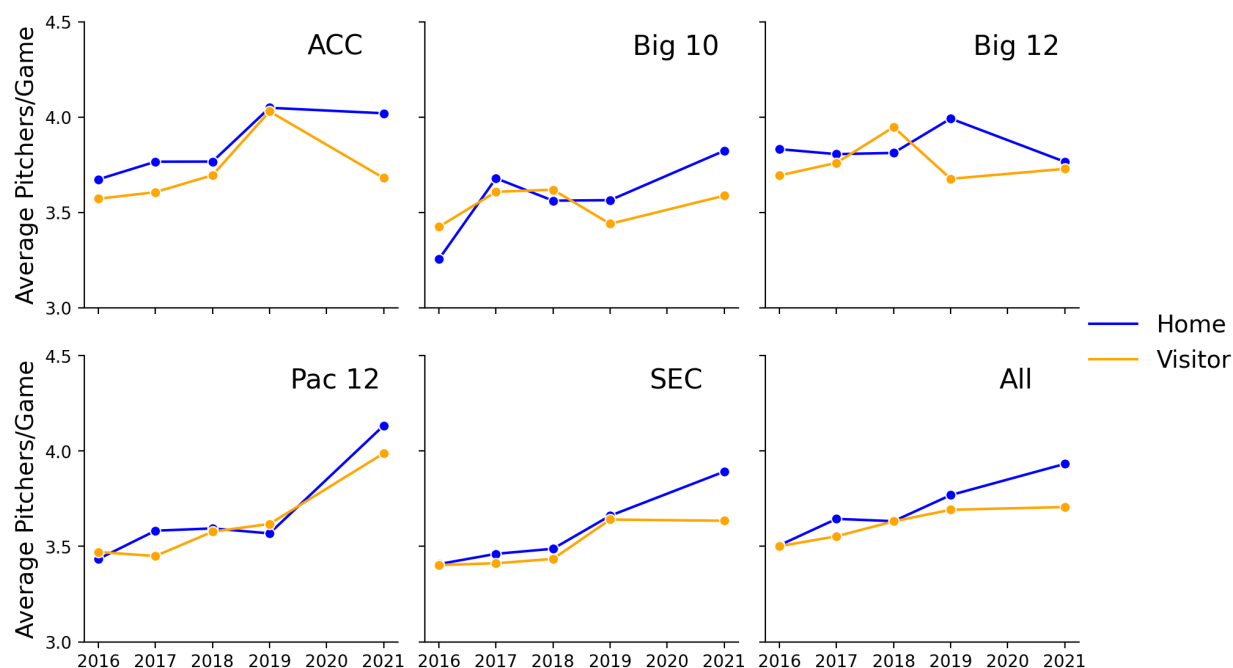


Figure 8: Average number of pitchers used, home and visiting teams, by conference and all Power-5

		ACC	Big10	Big12	Pac12	SEC	All
Home	2016	3.67	3.26	3.83	3.43	3.41	3.51
	2017	3.77	3.68	3.81	3.58	3.46	3.64
	2018	3.77	3.56	3.81	3.59	3.49	3.63
	2019	4.05	3.56	3.99	3.57	3.66	3.77
	2021	4.02	3.82	3.77	4.13	3.89	3.93
Visitor	2016	3.57	3.42	3.69	3.47	3.40	3.50
	2017	3.61	3.61	3.76	3.45	3.41	3.55
	2018	3.70	3.62	3.95	3.58	3.43	3.63
	2019	4.03	3.44	3.68	3.62	3.64	3.69
	2021	3.68	3.59	3.73	3.99	3.63	3.71

Table 8: Average number of pitchers used per game, by home/visitor, year, and conference

Pitcher Usage: Average innings per starter, home and visitor

- Among all Power 5 conferences, the number of starter innings has generally trended downward during 2016-21.
- Within conferences trends in the number of starter innings was mixed in 2019-21, with most downward but a few (ACC, Pac 12 visitors, Big 12 home) upward.
- Figure 9 shows the average starter innings (home and visitor) for each conference and all Power-5. Table 9 gives the average starter innings (home and visitor) for each conference and all Power-5.

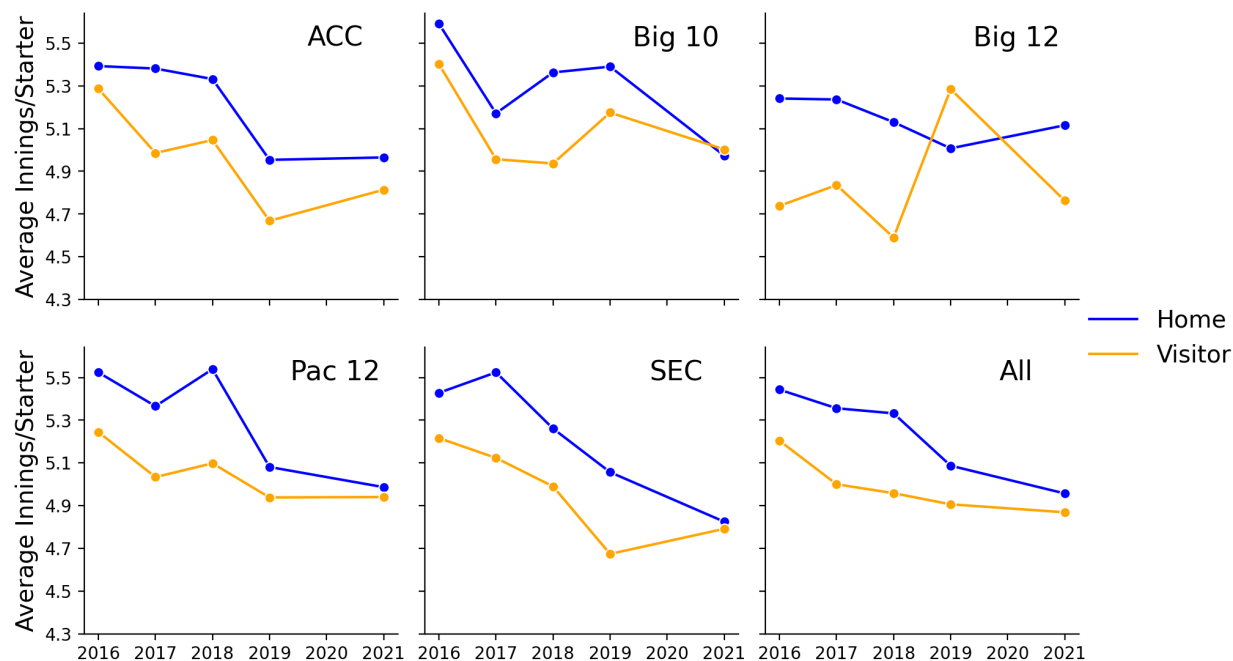


Figure 9: Average innings per starter, home and visiting teams, by conference and all Power-5

		ACC	Big10	Big12	Pac12	SEC	All
Home	2016	5.39	5.59	5.24	5.52	5.43	5.44
	2017	5.38	5.17	5.24	5.37	5.52	5.36
	2018	5.33	5.36	5.13	5.54	5.26	5.33
	2019	4.95	5.39	5.01	5.08	5.06	5.09
	2021	4.96	4.97	5.12	4.99	4.82	4.96
Visitor	2016	5.29	5.40	4.74	5.24	5.22	5.20
	2017	4.99	4.96	4.84	5.03	5.12	5.00
	2018	5.05	4.94	4.59	5.10	4.99	4.96
	2019	4.67	5.17	5.28	4.94	4.67	4.91
	2021	4.81	5.00	4.76	4.94	4.79	4.87

Table 9: Average starter innings per game, by home/visitor, year, and conference

Pitcher Usage: Average starter earned runs allowed per start, home and visitor

- Among all Power 5 conferences, the number of starter runs has generally trended upward for home teams, with a mix of up then down for visiting.
- Within conferences, trends in starter runs allowed were mixed with some increasing and others decreasing. There appears to be no clear pattern.
- Figure 10 shows the average starter runs allowed (home and visitor) for each conference and all Power-5. Table 10 gives the average starter runs allowed (home and visitor) for each conference and all Power-5.

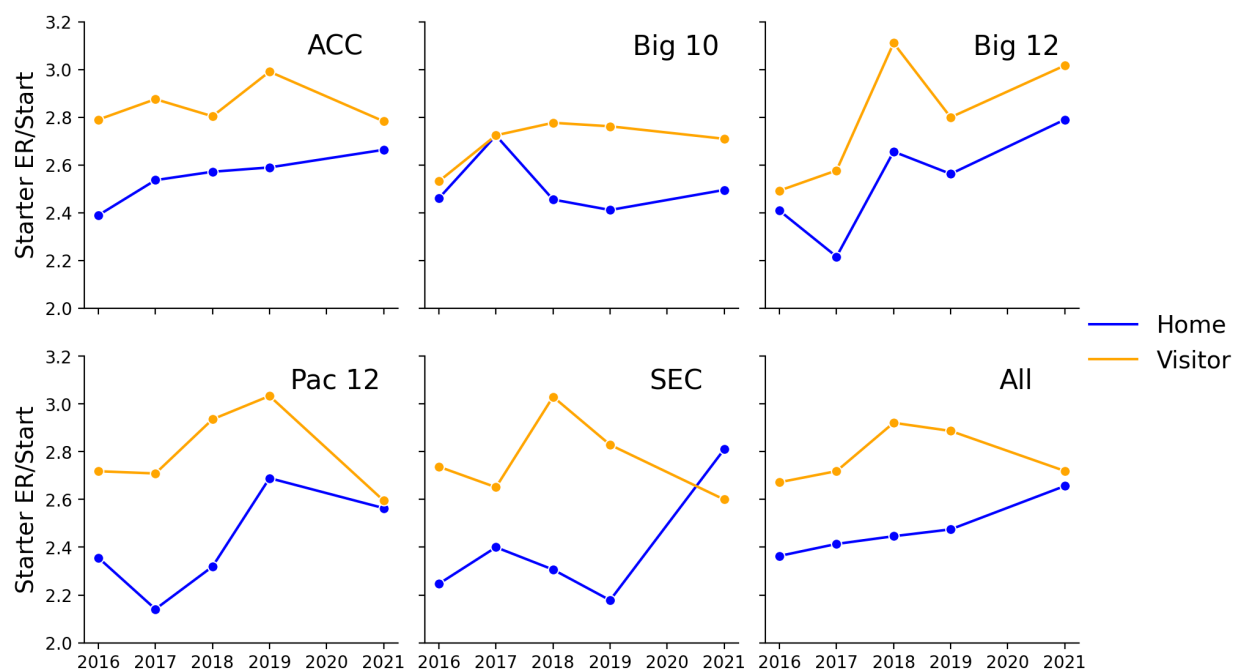


Figure 10: Average starter runs allowed per game, home/visitor, by conference and all Power-5

		ACC	Big10	Big12	Pac12	SEC	All
Home	2016	2.39	2.46	2.41	2.36	2.25	2.36
	2017	2.54	2.72	2.22	2.14	2.40	2.41
	2018	2.57	2.46	2.66	2.32	2.31	2.45
	2019	2.59	2.41	2.56	2.69	2.18	2.47
	2021	2.66	2.50	2.79	2.56	2.81	2.66
Visitor	2016	2.79	2.53	2.49	2.72	2.74	2.67
	2017	2.88	2.72	2.58	2.71	2.65	2.72
	2018	2.80	2.78	3.11	2.94	3.03	2.92
	2019	2.99	2.76	2.80	3.03	2.83	2.89
	2021	2.78	2.71	3.02	2.60	2.60	2.72

Table 10: Average starter runs allowed per game, by home/visitor, year, and conference

Pitcher Usage: Starter ERA (averaged across starts), home and visitor

- Starting pitcher ERA (earned runs per 9 innings) among all Power 5 conferences has trended upward in 2016-21 for home teams, while trending up and then down for visiting teams.
- Within conferences the trends are similar: upward for most home teams and (mostly) up followed by down for visiting teams.
- Figure 11 shows the average starter ERA (home and visitor) for each conference and all Power-5. Table 11 gives the average starter ERA (home and visitor) for each conference and all Power-5.

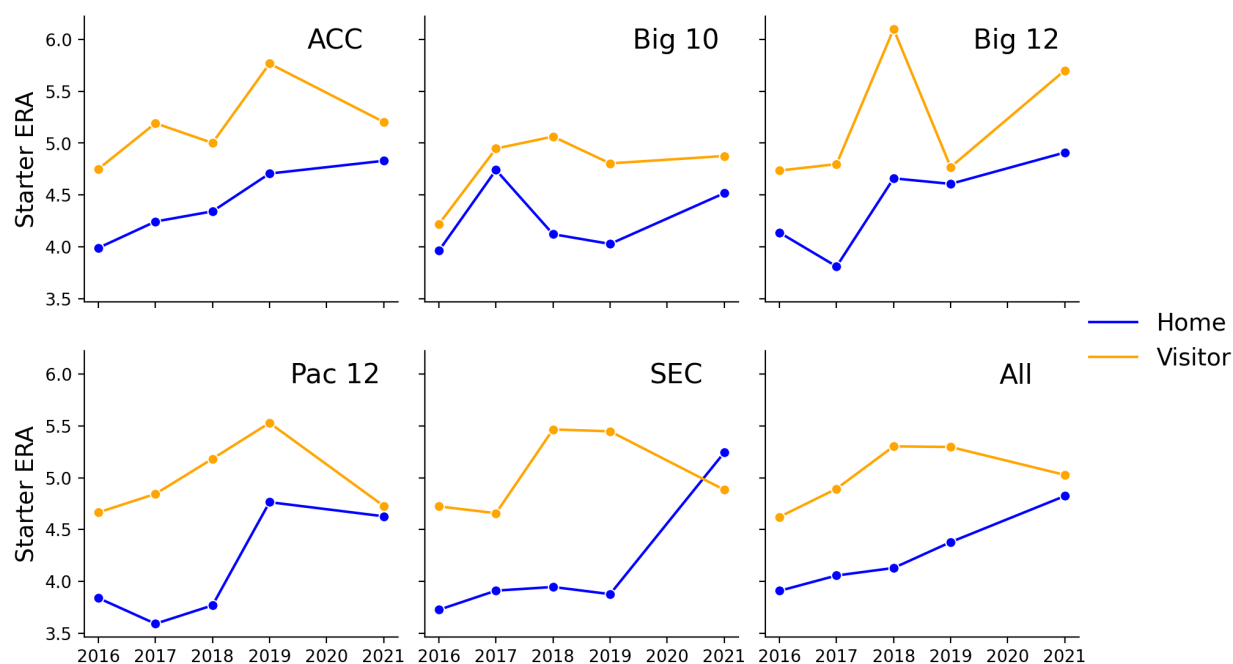


Figure 11: Average starter runs allowed per 9 innings, home/visitor, by conference and all Power-5

		ACC	Big10	Big12	Pac12	SEC	All
Home	2016	3.99	3.96	4.14	3.84	3.73	3.91
	2017	4.24	4.74	3.81	3.59	3.91	4.06
	2018	4.34	4.12	4.66	3.77	3.95	4.13
	2019	4.71	4.03	4.61	4.76	3.88	4.38
	2021	4.83	4.52	4.91	4.63	5.24	4.82
Visitor	2016	4.75	4.22	4.74	4.67	4.72	4.62
	2017	5.19	4.95	4.80	4.84	4.66	4.89
	2018	5.00	5.06	6.10	5.18	5.47	5.30
	2019	5.77	4.80	4.77	5.53	5.45	5.30
	2021	5.20	4.88	5.70	4.73	4.88	5.03

Table 11: Average starter runs allowed per 9 innings, home/visitor, by conference and all Power-5

Pitcher Usage: Average reliever earned runs allowed per game, home and visitor

- Among all Power 5 conferences, the average number of reliever earned runs allowed has generally trended gently upward, with the exception of 2019-21 visiting teams.
- Within conferences, trends in average reliever earned runs allowed were mixed, with some increasing and others decreasing. There appears to be no clear pattern.
- Figure 11 shows the average runs allowed per reliever (home and visitor) for each conference and all Power-5. Table 11 gives the average runs allowed per reliever (home and visitor) for each conference and all Power-5.

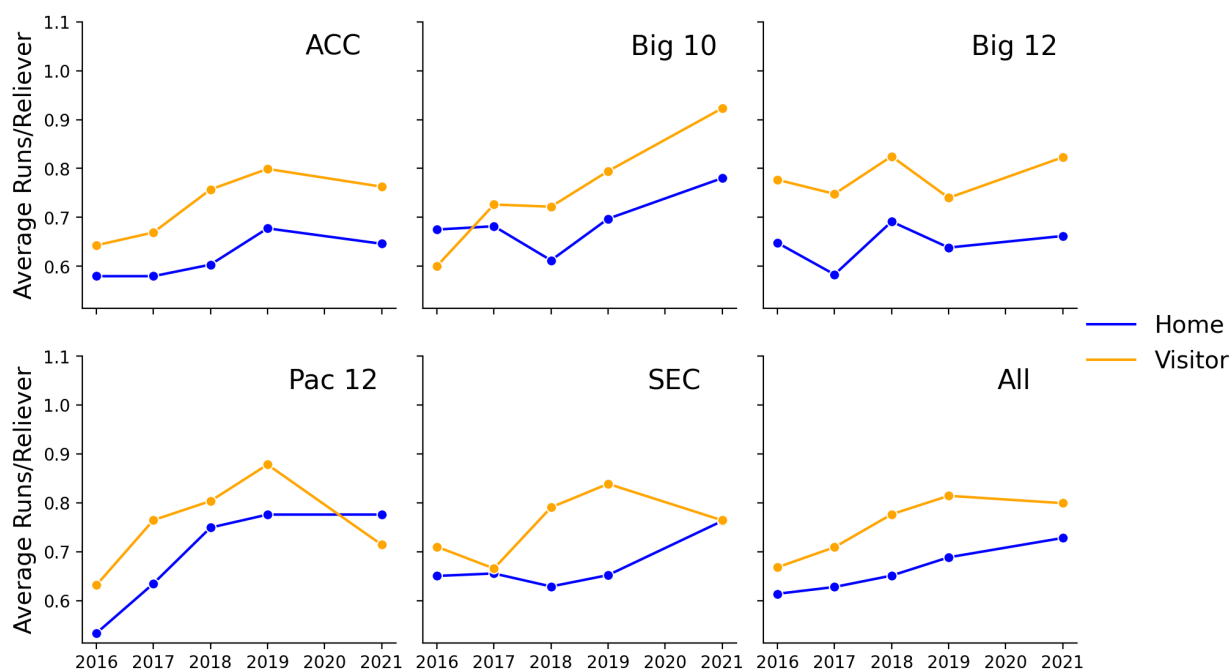


Figure 11: Average runs allowed per reliever per game, home/visitor, by conference and all Power-5

		ACC	Big10	Big12	Pac12	SEC	All
Home	2016	0.58	0.68	0.65	0.53	0.65	0.61
	2017	0.58	0.68	0.58	0.64	0.66	0.63
	2018	0.60	0.61	0.69	0.75	0.63	0.65
	2019	0.68	0.70	0.64	0.78	0.65	0.69
	2021	0.65	0.78	0.66	0.78	0.76	0.73
Visitor	2016	0.64	0.60	0.78	0.63	0.71	0.67
	2017	0.67	0.73	0.75	0.76	0.67	0.71
	2018	0.76	0.72	0.82	0.80	0.79	0.78
	2019	0.80	0.79	0.74	0.88	0.84	0.81
	2021	0.76	0.92	0.82	0.71	0.76	0.80

Table 11: Average runs allowed per reliever per game, home/visitor, by conference and all Power-5

Pitcher Usage: Average reliever earned runs per 9 innings, home and visitor

- Among all Power 5 conferences, the average number of reliever runs allowed per 9 innings has generally trended upward.
- Within conferences the same trend occurs with the exception of ACC and PAC 12 visiting teams.
- Figure 12 shows the average reliever runs per 9 innings (home and visitor) for each conference and all Power-5. Table 12 gives the average reliever runs allowed per 9 innings (home and visitor) for each conference and all Power-5.

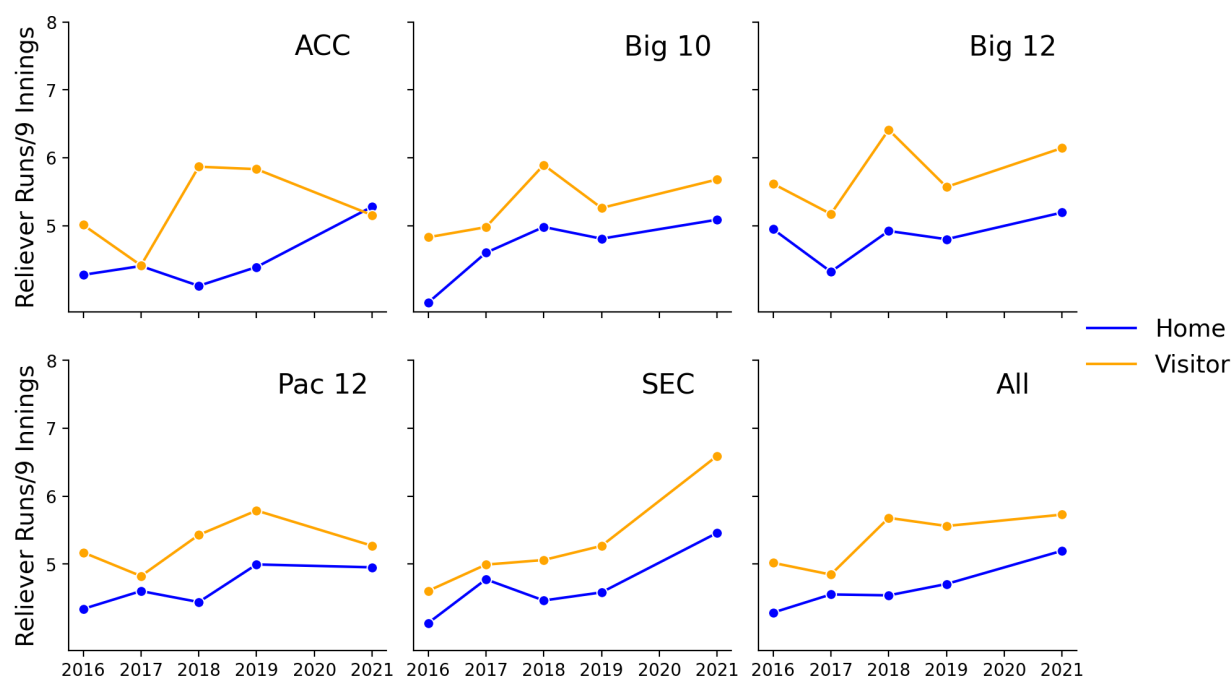


Figure 12: Reliever earned runs per 9 innings, home/visitor, by conference and all Power-5

		ACC	Big10	Big12	Pac12	SEC	All
Home	2016	4.34	4.13	4.95	3.87	4.28	4.29
	2017	4.60	4.78	4.32	4.60	4.41	4.55
	2018	4.44	4.46	4.92	4.98	4.11	4.54
	2019	4.99	4.58	4.80	4.81	4.39	4.71
	2021	4.95	5.46	5.19	5.09	5.28	5.20
Visitor	2016	5.17	4.61	5.62	4.83	5.01	5.02
	2017	4.82	4.99	5.17	4.98	4.42	4.85
	2018	5.43	5.06	6.41	5.90	5.87	5.68
	2019	5.79	5.27	5.57	5.26	5.83	5.56
	2021	5.27	6.59	6.14	5.68	5.16	5.73

Table 12: Average earned reliever runs per 9 innings, home/visitor, by conference and all Power-5

Non-pitchers used per game

- Among all Power 5 conferences, the average number of non-pitchers used per game is essentially unchanged, with only a small amount of variation.
- There is variation from conference to conference in the average number of non-pitchers used per game. There is a surprising consistency between home and visitors.
- Figure 13 shows the average number of non-pitchers used per game (home and visitor) for each conference and all Power-5. Table 13 shows the corresponding data.

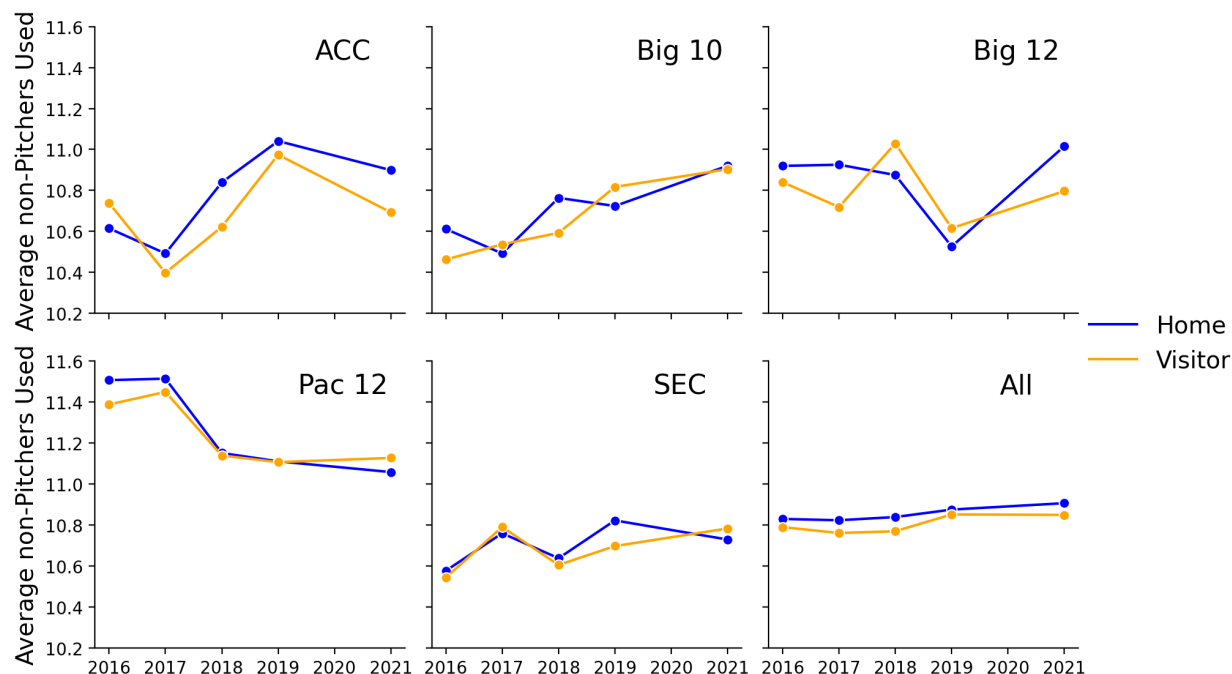


Figure 13: Average number of non-pitchers used per game, home/visitor, by conference and all Power-5

		ACC	Big10	Big12	Pac12	SEC	All
Home	2016	10.61	10.61	10.92	11.51	10.58	10.83
	2017	10.49	10.49	10.93	11.51	10.76	10.82
	2018	10.84	10.76	10.88	11.15	10.64	10.84
	2019	11.04	10.72	10.53	11.11	10.82	10.87
	2021	10.90	10.92	11.02	11.06	10.73	10.91
Visitor	2016	10.74	10.46	10.84	11.39	10.54	10.79
	2017	10.40	10.54	10.72	11.45	10.79	10.76
	2018	10.62	10.59	11.03	11.14	10.60	10.77
	2019	10.97	10.82	10.62	11.11	10.70	10.85
	2021	10.69	10.90	10.80	11.13	10.78	10.85

Table 13: Average number of non-pitchers used per game, home/visitor, by conference and all Power-5

Pinch hitters used per game

- Among all Power 5 conferences, the average number of pinch hitters used per game is essentially unchanged, with only a small amount of variation.
- There is variation from conference to conference in the average number of non-pitchers used per game. There is a surprising consistency between home and visitors.
- Figure 13 shows the average number of non-pitchers used per game (home and visitor) for each conference and all Power-5. Table 13 shows the corresponding data.

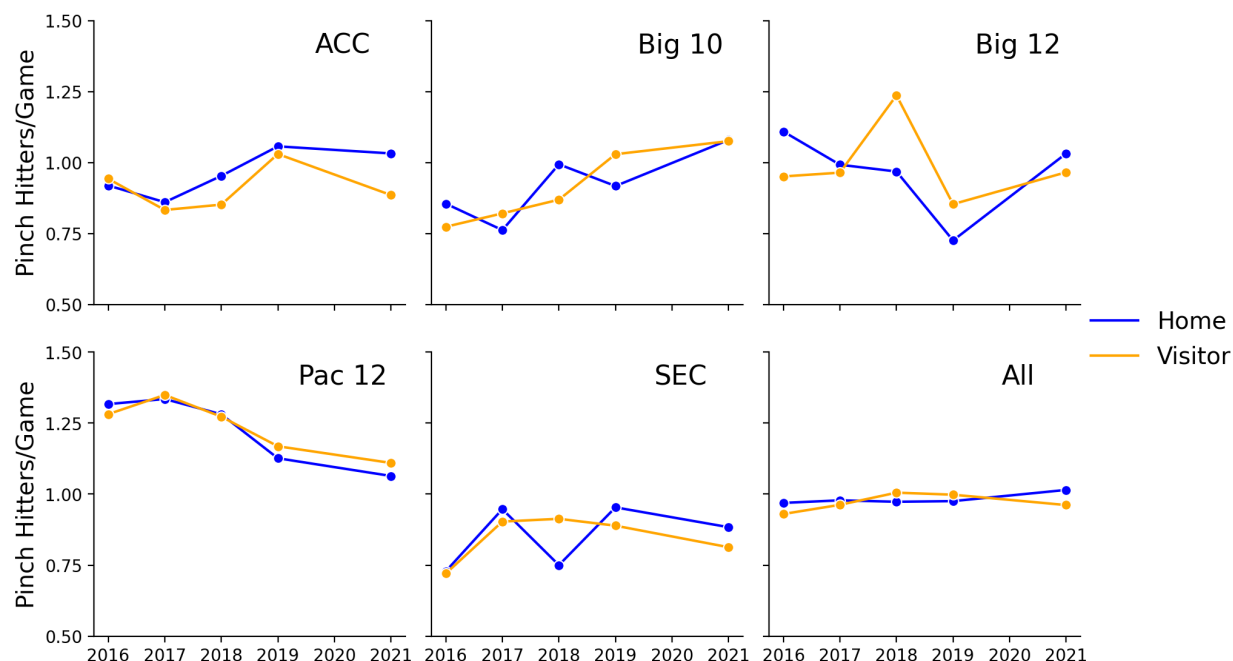


Figure 14: Average number of pinch hitters used per game, home/visitor, by conference and all Power-5

		ACC	Big10	Big12	Pac12	SEC	All
Home	2016	0.92	0.86	1.11	1.32	0.73	0.97
	2017	0.86	0.76	0.99	1.33	0.95	0.98
	2018	0.95	0.99	0.97	1.28	0.75	0.97
	2019	1.06	0.92	0.73	1.13	0.95	0.98
	2021	1.03	1.08	1.03	1.06	0.88	1.01
Visitor	2016	0.94	0.77	0.95	1.28	0.72	0.93
	2017	0.83	0.82	0.96	1.35	0.90	0.96
	2018	0.85	0.87	1.24	1.27	0.91	1.01
	2019	1.03	1.03	0.85	1.17	0.89	1.00
	2021	0.89	1.08	0.97	1.11	0.81	0.96

Table 14: Average number of pinch hitters used per game, home/visitor, by conference and all Power-5

Appendix

Below are expanded tables that break out certain data by conference. These tables relate to rosters, covering all Power 5 schools and the 2016-2021 seasons.

Conf	Year	Fr	So	Jr	Sr	Total
ACC	2016	11.29	9.57	8.79	4.93	34.57
	2017	11.07	8.57	9.57	5.14	34.36
	2018	11.79	8.79	8.64	5.64	34.86
	2019	11.64	10.07	9.36	4.79	35.86
	2020	11.71	8.93	10.43	4.86	35.93
	2021	16.36	9.86	9.21	6.29	41.71
Big10	2016	10.92	8.00	8.23	6.38	33.54
	2017	9.38	9.23	9.23	6.38	34.23
	2018	11.00	6.85	10.15	6.23	34.23
	2019	10.69	9.31	8.85	6.38	35.23
	2020	10.62	8.69	9.00	6.23	34.54
	2021	13.92	9.15	7.08	8.77	38.92
Big12	2016	11.89	7.78	9.67	5.11	34.44
	2017	12.22	9.11	8.89	5.33	35.56
	2018	10.22	10.22	10.11	4.22	34.78
	2019	12.11	8.11	11.56	4.22	36.00
	2020	11.56	8.11	10.00	6.67	36.33
	2021	18.78	9.78	8.00	6.44	43.00
Pac12	2016	11.36	8.82	9.09	5.18	34.45
	2017	13.09	9.27	8.64	4.64	35.64
	2018	11.27	10.09	8.55	5.00	34.91
	2019	11.18	9.73	10.18	3.00	34.09
	2020	11.00	9.00	10.55	4.55	35.09
	2021	16.36	10.18	8.82	6.45	41.82
SEC	2016	12.29	7.79	10.43	5.43	35.93
	2017	13.07	8.79	9.57	4.64	36.07
	2018	12.14	9.07	10.00	4.14	35.36
	2019	12.93	8.57	11.00	4.36	36.86
	2020	12.93	9.29	9.64	4.43	36.29
	2021	13.79	10.57	9.57	8.36	42.29

Table A1: Roster sizes by conference, year and class/total
(Expands Table 2 to include breakdown by conference)

Conf	Year	Fr	So	Jr	Sr
ACC	2016	32.64	27.69	25.41	14.26
	2017	32.22	24.95	27.86	14.97
	2018	33.81	25.20	24.80	16.19
	2019	32.47	28.09	26.10	13.35
	2020	32.60	24.85	29.03	13.52
	2021	39.21	23.63	22.09	15.07
Big10	2016	32.57	23.85	24.54	19.04
	2017	27.42	26.97	26.97	18.65
	2018	32.13	20.00	29.66	18.20
	2019	30.35	26.42	25.11	18.12
	2020	30.73	25.17	26.06	18.04
	2021	35.77	23.52	18.18	22.53
Big12	2016	34.52	22.58	28.06	14.84
	2017	34.37	25.62	25.00	15.00
	2018	29.39	29.39	29.07	12.14
	2019	33.64	22.53	32.10	11.73
	2020	31.80	22.32	27.52	18.35
	2021	43.67	22.74	18.60	14.99
Pac12	2016	32.98	25.59	26.39	15.04
	2017	36.73	26.02	24.23	13.01
	2018	32.29	28.91	24.48	14.32
	2019	32.80	28.53	29.87	8.80
	2020	31.35	25.65	30.05	12.95
	2021	39.13	24.35	21.09	15.43
SEC	2016	34.19	21.67	29.03	15.11
	2017	36.24	24.36	26.53	12.87
	2018	34.34	25.66	28.28	11.72
	2019	35.08	23.26	29.84	11.82
	2020	35.63	25.59	26.57	12.20
	2021	32.60	25.00	22.64	19.76

Table A2: Roster percentages by conference, year, and class
(Expands Table 3 to include breakdown by conference)

Conf	Year	P	INF	OF	C	UT
ACC	2016	17.71	8.07	6.00	2.79	0.07
	2017	17.93	7.43	5.57	3.29	0.14
	2018	16.64	8.07	5.86	3.43	0.86
	2019	17.36	8.36	5.71	3.50	0.93
	2020	18.07	7.86	5.43	3.29	1.29
	2021	20.86	8.79	6.64	3.57	1.86
Big10	2016	15.92	8.31	5.77	3.46	0.08
	2017	16.69	7.92	6.23	3.31	0.08
	2018	15.15	8.31	6.00	3.46	0.77
	2019	16.23	8.08	5.77	3.54	1.62
	2020	16.08	7.46	5.85	3.08	2.08
	2021	19.00	8.38	5.92	3.08	2.54
Big12	2016	17.33	8.00	5.78	3.33	0.00
	2017	17.78	8.11	5.89	3.78	0.00
	2018	17.22	7.89	5.56	3.44	0.67
	2019	18.56	7.44	4.78	3.44	1.78
	2020	18.67	7.33	5.11	3.22	2.00
	2021	22.00	9.11	5.78	3.56	2.56
Pac12	2016	16.00	9.00	5.91	3.45	0.09
	2017	16.64	8.82	6.00	4.18	0.00
	2018	15.91	8.27	6.45	3.82	0.45
	2019	14.82	8.55	6.00	3.45	1.27
	2020	15.45	8.45	6.82	3.00	1.36
	2021	19.45	10.09	7.55	3.64	1.09
SEC	2016	17.36	8.64	5.93	3.93	0.07
	2017	17.86	8.86	5.64	3.64	0.14
	2018	17.14	8.79	5.29	3.29	0.86
	2019	17.71	7.71	5.71	3.36	2.36
	2020	17.64	8.21	5.50	3.21	1.64
	2021	21.29	9.36	6.21	3.71	1.71

Table A3: Roster counts by conference, year, and position
(Expands Table 4 to include breakdown by conference)

Conf	Year	P	INF	OF	C	UT
ACC	2016	51.24	23.35	17.36	8.06	0.21
	2017	52.18	21.62	16.22	9.56	0.42
	2018	47.75	23.16	16.80	9.84	2.46
	2019	48.41	23.31	15.94	9.76	2.59
	2020	50.30	21.87	15.11	9.15	3.58
	2021	50.00	21.06	15.92	8.56	4.45
Big10	2016	47.48	24.77	17.20	10.32	0.23
	2017	48.76	23.15	18.20	9.66	0.22
	2018	44.27	24.27	17.53	10.11	2.25
	2019	46.07	22.93	16.38	10.04	4.59
	2020	46.55	21.60	16.93	8.91	6.01
	2021	48.81	21.54	15.22	7.91	6.52
Big12	2016	50.32	23.23	16.77	9.68	0.00
	2017	50.00	22.81	16.56	10.62	0.00
	2018	49.52	22.68	15.97	9.90	1.92
	2019	51.54	20.68	13.27	9.57	4.94
	2020	51.38	20.18	14.07	8.87	5.50
	2021	51.16	21.19	13.44	8.27	5.94
Pac12	2016	46.44	26.12	17.15	10.03	0.26
	2017	46.68	24.74	16.84	11.73	0.00
	2018	45.57	23.70	18.49	10.94	1.30
	2019	43.47	25.07	17.60	10.13	3.73
	2020	44.04	24.09	19.43	8.55	3.89
	2021	46.52	24.13	18.04	8.70	2.61
SEC	2016	48.31	24.06	16.50	10.93	0.20
	2017	49.50	24.55	15.64	10.10	0.40
	2018	48.48	24.85	14.95	9.29	2.42
	2019	48.06	20.93	15.50	9.11	6.40
	2020	48.62	22.64	15.16	8.86	4.53
	2021	50.34	22.13	14.70	8.78	4.05

Table A4: Roster percentages by conference, year, and position
(Expands Table 5 to include breakdown by conference)