Negro Leagues

Paul A. Hodgetts

04 May 2021

Abstract

As Bradshaw left, the lawyer looked at his watch. "And now, Poole, let us get to ours," he said; and taking the poker under his arm, led the way into the yard. The scud had banked over the moon, and it was now quite dark. The wind, which only broke in puffs and draughts into that deep well of building, tossed the light of the candle to and fro about their steps, until they came into the shelter of the theatre, where they sat down silently to wait. London hummed solemnly all around; but nearer at hand, the stillness was only broken by the sounds of a footfall moving to and fro along the cabinet floor. Code available on GitHub: https://github.com/hodgettsp/nlmlb

Introduction

On April 15th, 1947, Jackie Robinson made his debut for the Brooklyn Dodgers and broke the Major League Baseball (MLB) 'Colour Line' that had been established as an unwritten agreement amongst league owners preventing non-white players from playing in the MLB. Although not the first Black man to play in the major leagues, historians consider William Edward White the first Black player and Moses Fleetwood Walker as the first openly Black player, Robinson was the first to break the established segregation and usher in an era of integration for the MLB. Indeed, Moses Fleetwood Walker was the last Black player in the Majors and it was the refusal of Cap Anson to take the field against Fleetwood Walker that led to the segragation of baseball and establishment of the "Colour Line".

Before joining the Brooklyn Dodgers organization in 1946, Robinson spent the 1945 baseball season playing for the Kansas City Monarchs of the Negro American League. While various iterations of the Negro Leagues had existed, it is generally agreed upon by baseball historians that the period of time that is referred to by use of the Negro Leagues is between the 1920 and the establishment of the Negro National League and the early 1960's with the folding of the Negro American League. In a time during which Black players were not allowed to play in the MLB, the Negro Leagues provided a place for Black players to play and be paid for their efforts. Over the seasons, the Negro Leagues saw such stars as Cool Papa Bell, Satchel Paige, Josh Gibson, Ernie Banks, Willie Mays, and Henry Aaron to name a few. Like Robinson, some of these players saw time in the MLB. However, the integration of the MLB did not eliminate the racism these players experienced, which continued from the fans and other players. Moreover, many players from the Negro Leagues were never given a fair opportunity to play in the MLB, while those who retired from baseball before the 1947 season were never even given a chance.

While the integration of baseball has been considered necessary, the effects that the implementation of integration had on the Negro Leagues and Black-baseball in the United States in general have been questioned. Integration itself was also not an immediate process. For instance, while Jackie Robinson debuted in 1947 for the Brooklyn Dodgers of the National League and Larry Doby debuted in the same year shortly after for the Cleveland baseball team of the American League, it was not until 1959, twelve years after Jackie Robinson and Larry Doby first played and three years after Robinson retired and the same year that Doby retired, that the entire Major Leagues was integrated when Pumpsie Green debuted for the Boston Red Sox. Additionally, the difficulty of making the Major Leagues has been noted by previous Negro League players. Due to both the competition and that teams would often only carry two to three Black players on the roster at a given time.

This paper explores the following: the accessibility of Negro League data as compared to Major League data of the same period as discussed within the larger context of racially based historical data, the process of integration and the number of Black players (those who played in the Negro Leagues and those who did not) carried by teams in the Integration Era, and the effects of integration on the Negro Leagues. The Integration Era of baseball is often classified as the beginning of the 1947 season to the end of the 1960 season. After which, the Major Leagues expanded to include two new teams in the American League at the beginning of the 1961 season. While an official date for the end of the Negro Leagues is not officially agreed upon, Negro League All-Star games were played in 1962. For this reason, this paper will examine integration as from the beginning of the 1947 season to the end of the 1962 season. This is done to include as much of a period of the officially recognized Negro Leagues as possible; however, it does mean including two years in which the Major Leagues expanded (1961 and 1962). As such, a particular focus will be between the 1947 and 1960 seasons as the introduction of the four new teams would change the demographics of the player population. Additionally, the league was fully integrated in 1959, so use of 1960 provides a useful cut-off point to mark the end of initial integration.

The Negro Leagues

In 1920, the Negro National League was founded in large part due to the efforts of Andrew "Rube" Foster. While previous Black teams and leagues had existed in some form, the formulation of this league marked what is commonly considered the beginning of the modern Negro "Major" Leagues. For 11 years the Negro National League was considered the highest level of play amongst Negro league teams, but financial troubles brought on by the Great Depression led to the folding of the league in 1931. With the folding of the Negro National League in 1931, the remaining Negro Southern League, hosting such teams as the Nashville Elite Giants and Birmingham Black Barons, was elevated as the de facto major league for the 1932 season. However, this designation only lasted for the 1932 season as the Negro National League was re-established in 1933 and was again considered the major league for the Negro Leagues. Four years later the Negro National League would be joined at the major league level by the establishment of the Negro American League in 1937. These leagues continued operation until between the 1948 and 1949 seasons, a year after Jackie Robinson debuted for the Brooklyn Dodgers and Larry Doby debuted for the Cleveland baseball team, when the Negro National League folded. The Negro American League would continue operation until between the 1962 and 1963 seasons when the final All-Star game was held. This point is generally marked as the official end of the Negro

League. Other teams, like the Indianapolis Clowns existed and continued operating, but often only for exhibition games and not in a competitive sense.
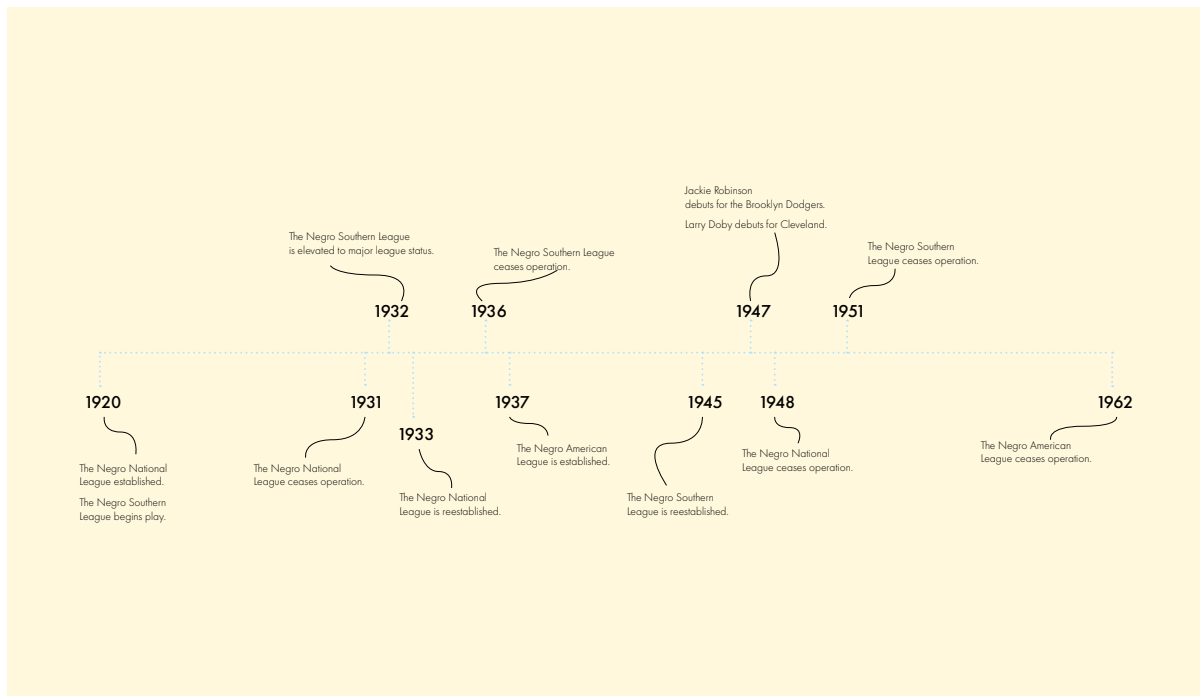

Figure 1: A general timeline of the Negro Leagues.

Data

Access

Access to Negro League data is limited when compared to the accessibility of Major League Baseball data for the same period of time (1920-1962). For example, the `Lahman` [4] R package provides access to MLB player, batting, pitching, and fielding data dating back to 1871. Whereas, no equivalent R package exists for Negro League data. Additionally, batting and fielding data is currently only available for 1920 to 1948 through the 'Seamheads' Negro Leagues database website [5]. Additionally, this database only covers games between teams that the managers of the database have deemed as Black major league teams. This means games against white semipro and amateur teams, lower-level white minor league teams, college teams, and teams defined as Black minor league teams. Prior to the 1920 season, these games comprised a large part of Black teams' schedules, which means statistics from these games are largely unavailable. This is in comparison to the accessibility of MLB data from websites such as Baseball Reference, Fangraphs, and the MLB website. Additionally, in comparison to access to Negro League data, this MLB data is readily accessible through databases like the Lahman database and Retrosheets database. Additionally, packages such as `Lahman` [4], `retrosheet` [3], and `baseballr` [10] make accessing data from these sites easier, while no such equivalent package exists for Seamheads or Negro League data.

Collection

Due to the lack of immediately downloadable data, data for this project was compiled from scraping PDF files made available by the Center for Negro League Baseball Research (CNLBR) [2]. Additional Negro League player lists were scraped from the Wikipedia entries that alphabetically list Negro League players [12]. Code from the Wikipedia pages was scraped using the `rvest` package [11]. In a comparison to Negro League player lists provided by the CNLBR, it was noted that the Wikipedia list of Negro League players was incomplete. To complete this list, these players were manually entered into the Wikipedia scraped list. However, these players were only found because they also played in the MLB, meaning that the list of Negro League players used in this paper may be incomplete. There are indeed discrepancies between both lists, with the Wikipedia list containing players who do not appear on the Center for Negro League Baseball Research list and vice versa. Meaning, the current list of Negro League players is incomplete. Highlighting another issue of the quality and accessibility of Negro League data. The data specifically collected from Wikipedia is a list of Negro League players.

Data collected from the Center For Negro League Baseball Research includes a list of Negro League players who also played in Major League Baseball[7]. This was downloaded as a PDF, from which the data was scraped using the `pdftools` package [9]. This list was chosen as it provides the most complete list of players who played in both the Negro Leagues and MLB. For instance, the list of players provided by Wikipedia only goes up to the 1950 season and then only includes a select few players who debuted in either league after that point. Other lists of players, such as that provided by the Negro League Players Association, only provide the names of players who played in both leagues and do not include the dates at which the players played their final game in the Negro Leagues and debuted in the MLB. These dates are necessary to better understand the timeline of the Negro Leagues and MLB, which is why the Wikipedia list and CNLBR lists were chosen.

To also understand the population of the MLB, the `Lahman` [4] R package was used to access player informationf or all MLB players. This package provides direct access to Sean Lahman's baseabll archive, a free relational database of individual and team statistics that covers games back to 1871, for R users. For non-R users, the database is also available for download in a comma-delimited version (csv), and through MS Access. Seasons previous to the 2020 season are also available through SQL. In R, this database is divided into the sections `People` (player names, dates of birth, death, and other biographical info), `Batting` (batting statistics), `Pitching` (pitching statistics), and `Fielding` (fielding statistics). Information, when available, dates back to 1871. For the purpose of this paper, only the `People` section of data was used.

Analysis

Comparison of Data Sources

Player Debut Season vs. Player Final Season

In addition to exploring the accessibility of Negro League data in comparison to MLB data, a cursory analysis of the effects of integration on the Negro Leagues was also performed. Previous anlayses have performed a statistical comparison between Negro League players and MLB players. For instance, a

piece from 538 [8], provides a comparison of Negro League players, those who did and did not play in MLB, to current and historical MLB players. Other analyses, such as this report by Armour and Levitt [6], provide an analysis of racial demographics of baseball from the start of integration in 1947 to 2016. This report by Pavitt [1] examines player participation and fielding position in MLB by player ethnicity from 1946-2018. However, while there has been much written about the end of the Negro Leagues in relation to integration, there is little in regards to a statistical analysis of the process. Particularly as a focus on the Negro Leagues and the players. Two things in particular are examined in this analysis, the count of players in the Negro Leagues pre- and post-integration, and the count of Negro League players and Black players in MLB in the Integration era of MLB (1947 to 1960).

Figure 1 shows the distribution of players who debuted and played their final game for a given season in the Negro Leagues from 1873 to 1975. However, while numbers pre-1920 are available these records are spotty and may not truly represent the actual number of players in the Negro Leagues prior to the 1920 season. The founding of the Negro National League in 1920 can be seen in Figure 1 with the increased number of players making their debut that year and the following season. This could be for two reasons, firstly that there was actually that many players making their debut or that record keeping began for that season and many players who had previously been playing were marked as having debuted for that year. The first collapse of the Negro National League in 1931 can also be seen with close to 70 players their final game. The increase in players making their debut in 1937 can also be attributed to the founding of the Negro American League. Of particular note is the dramatic increase in players who played their final Negro League game in 1948 with 138 players playing their final game. This marks the year after integration formally began with MLB, but also marks the year in which the Negro National League ceased operation. The spike of final games played in 1951 also marks when the Negro Southern League ceased operation.

The Negro American League folded around the 1963 season, and as can be seen in Figure 1 there were very few players to have debuted or played their final game by that point. Indicating the dire state of the league.

Figure 2: A distribution of the number of players debuting and playing their final game in a given season in the Negro Leagues, 1873 to 1975: Wikipedia Data.

In comparison, Figure 2 shows the distribution of players making their debut or playing their final game according to Seamheads. As can be seen, the distribution is fairly similar as to the distribution collected from Wikipedia; however, the counts from Seamehads are higher, which may be in part to some players not being included on the Wikipedia list due to insufficient data that can be used to confirm the player's identity.

Figure 3: A distribution of the number of players debuting and playing their final game in a given season in the Negro Leagues, 1887 to 1948: Seamheads Data.

Figure 3 again shows the distribution of the Wikipedia data, however, it has been filtered to only include the same range of years as is in the Seamheads data. This provides a more direct comparison between the two datasets. As can be seen between Figure 2 and Figure 3, the counts are indeed higher in the Seamheads data and the slightly different pattern is more evident between the two with Seamheads (Figure 2) showing a greater number of debuts in 1921 than 1920 whereas the Wikipedia data (Figure 3) shows a greater number of players making their debut in 1920 than 1921.

Other differences between the two include Seamheads shower a greater number of debut seasons than final seasons in 1929, whereas Wikipedia shows the opposite. Wikipedia shows a greater number of final season than debut season for 1936, whereas Seamheads shows the opposite. Other similar patterns can be seen throughout the various seasons between the datasets. This is of particular interests as the Wikipedia list is reliant upon the Seamheads database for the information contained within its list of players.

An issue that also was found in the process of this analysis was that in some cases Wikipedia had the birth-date of the player for the player's debut date in the Negro Leagues. This discrepancy may partially explain the inclusion of dates earlier than 1887 in the Wikipedia list of Negro League players.
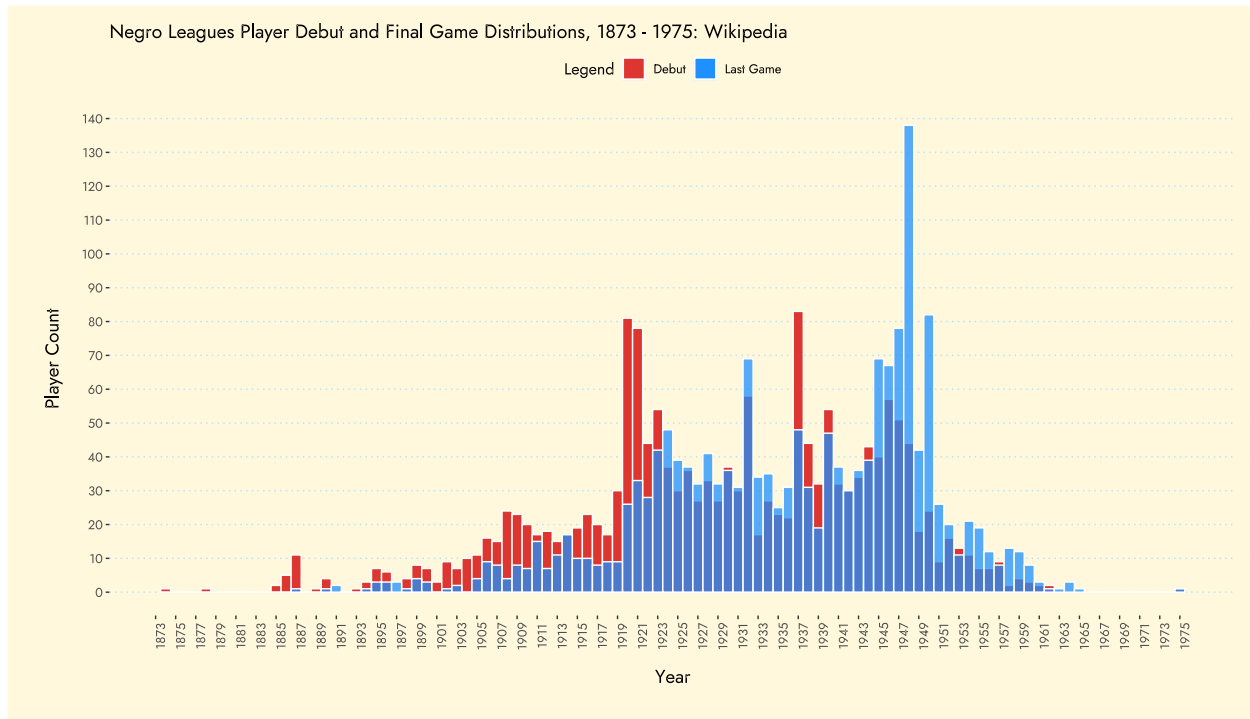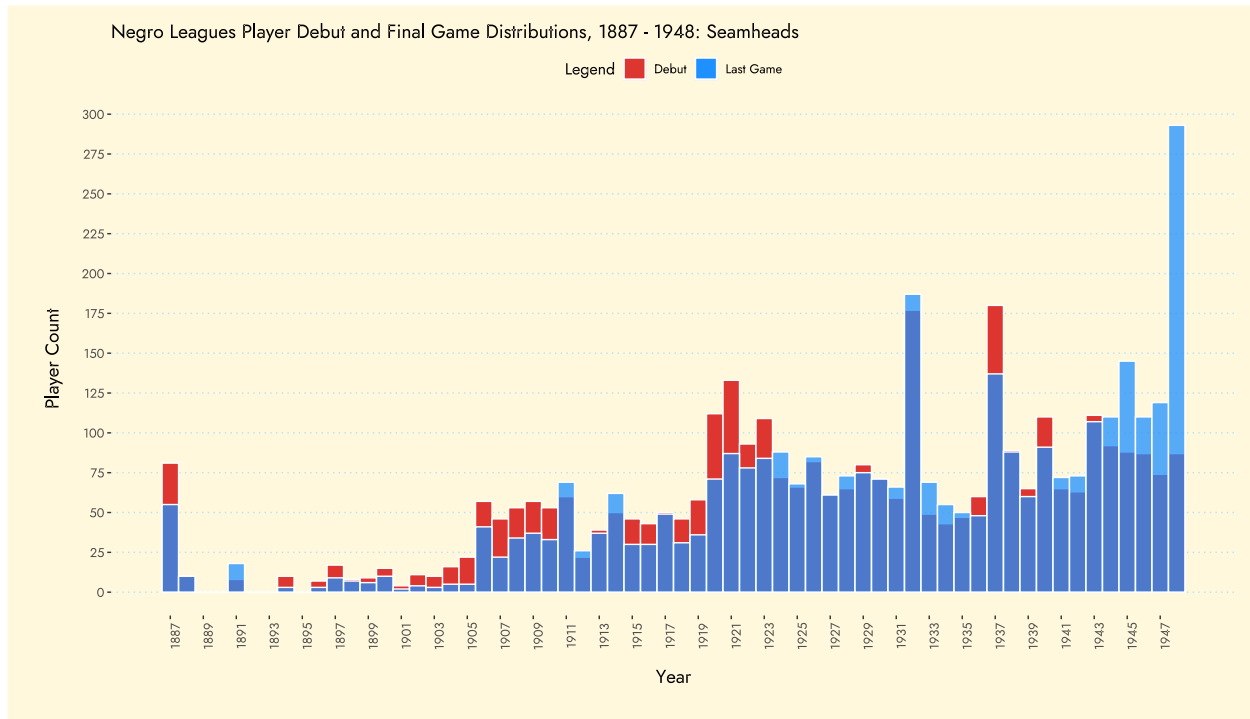
7
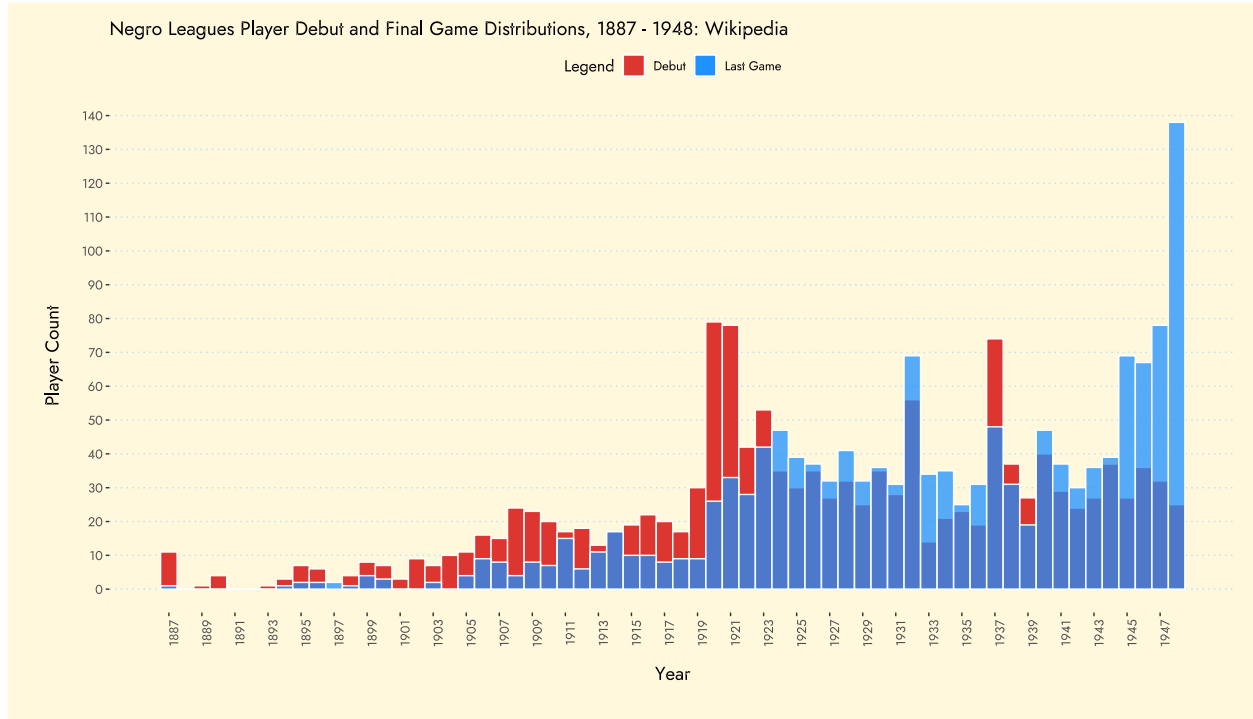
Figure 4: A distribution of the number of players debuting and playing their final game in a given season in the Negro Leagues, 1887 to 1948: Wikipedia Data.

Player Counts

While Figures 1 through 3 show the distribution of players who debuted or played their final game for a given season in the Negro Leagues, it is also necessary to understand the total number of players in the Negro League for a given season. Figure 4 shows the distribution of total number of players for the Negro Leagues from 1873 to 1975. This distribution shows a peak of total number of players in the Negro Leagues in the 1923 season with 383 players, shortly after the Negro National League was established and the Negro Southern League began play. Additionally, the decrease of players in the Negro Leagues due to the folding of leagues is evident towards the middle of the distribution with a resurgence when leagues were re-established or new leagues established. Interestingly, this decrease is greater than the one found during the United States' involvement in World War II (1941 to 1946). Moreover, the steep decline in players in the Negro Leagues that is evident in Figure 1 beginning between 1948 and 1949 is also evident here.

Given that the data available only provided the number of players who debuted or played their final game for a season, the total number of players was not available. In the following formula let d stand for the debut games for a season, p stand for the player count for the previous season, and f stand for the count of final games played in the previous season. As such, the count for the number of players for a given season was calculated as:

$$(d + p) - f$$

8

The collected data from Wikipedia contained missing values for both debut and final game counts for various seasons. These missing values were replaced with a value of 0. This was done to keep those seasons included in the count, as the complete-case approach would remove these seasons. These missing values were created when there was no data for either debuts or final games for a season. However, this approach of imputing missing values with 0 while allowing for keeping these seasons does mean the distribution for players may be off or less than the actual count. There were no missing values for the Seamheads data.
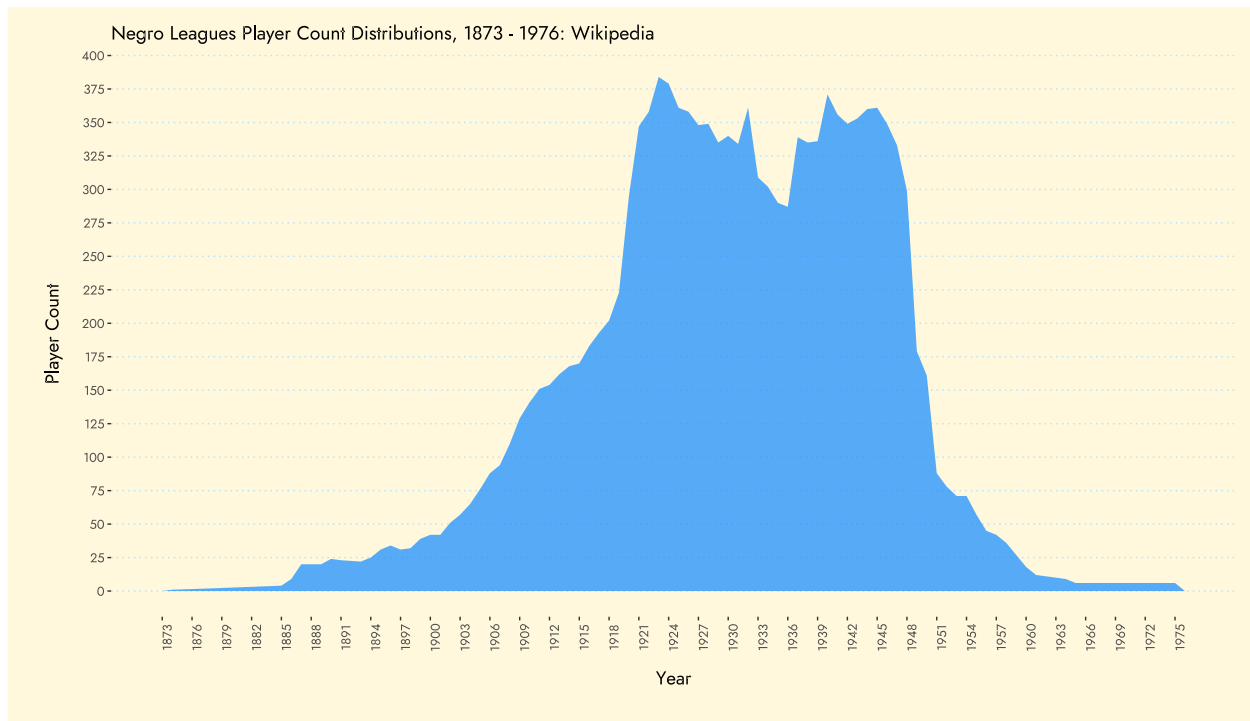
Figure 5: The estimated distribution of players in the Negro Leagues, 1873 to 1975: Wikipedia data.

In comparison, Figure 5 shows the estimated player distribution for the Negro Leagues from 1886 to 1948 according to the data collected from Seamheads. Figure 6, likewise, shows the estimated player distribution for the Negro Leagues according to the Wikipedia data but filtered to only include dates from the same range as the Seamheads data (1886 to 1948). A notable difference between Figure 5 and Figure 6 is that the peak for players in the Negro Leagues comes in 1932 for the Seamheads data (N = 504) while it comes in 1923 for the Wikipedia data (N = 384). Additionally, these total counts differ by a difference of 120. Again, the discrepancies between the data may be due to Wikipedia contributors excluding players, players with only one name in the Seamheads database being counted twice, or the imputation of 0 to replace NA values skews the Wikipedia distribution.

9
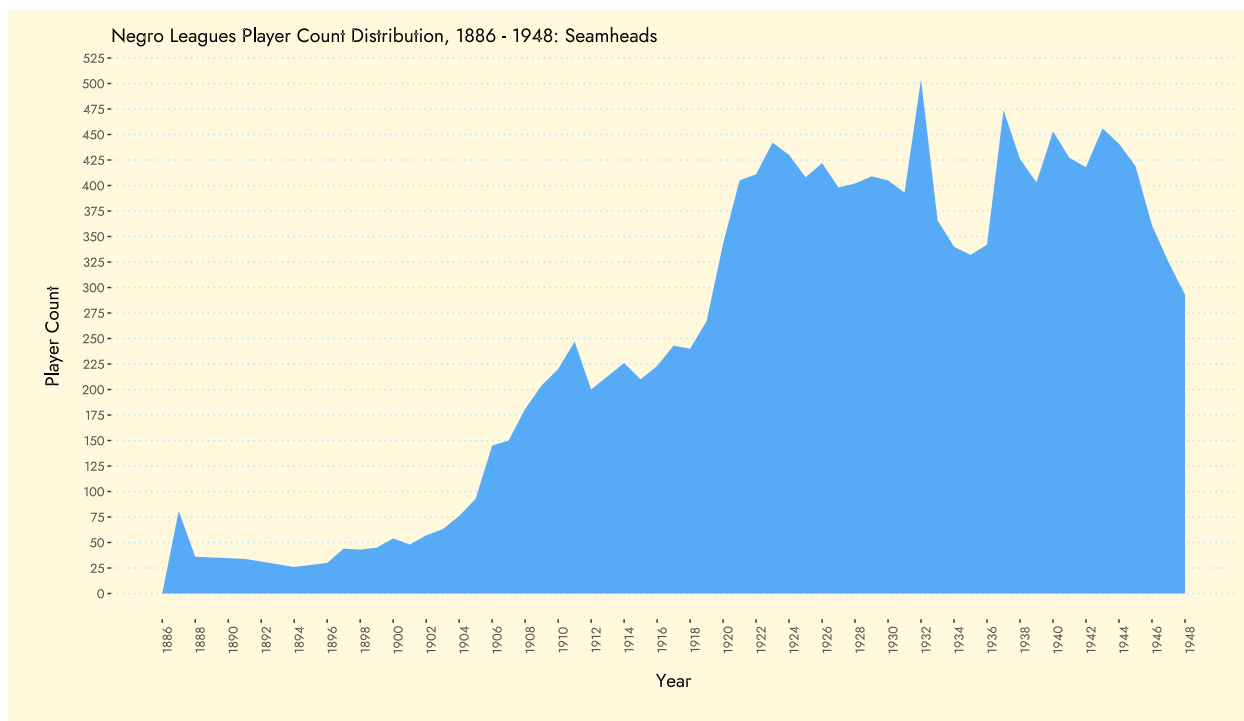
Figure 6: The estimated distribution of players in the Negro Leagues, 1886 to 1948: Seamheads data.
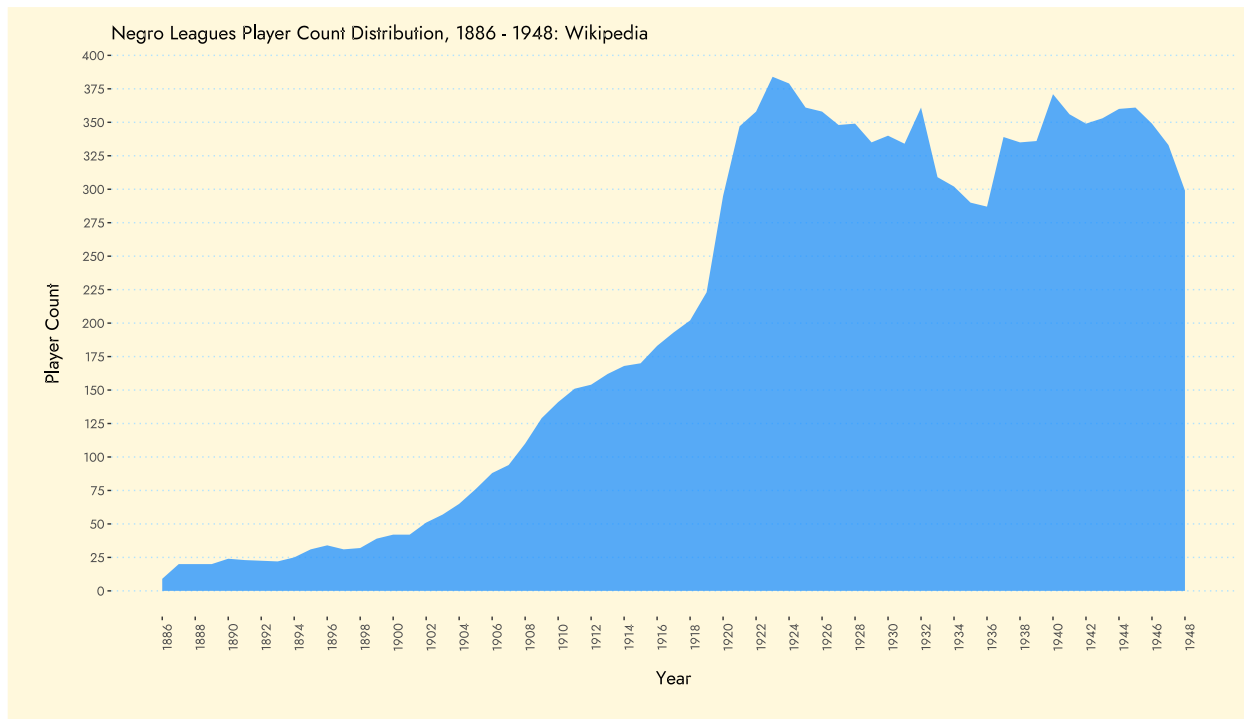
Figure 7: The estimated distribution of players in the Negro Leagues, 1886 to 1948: Wikipedia data.

Negro League Players in Major League Baseball

While Jackie Robinson was the first player from the Negro Leagues to cross the color line when he debuted for the Brooklyn Dodgers in 1947, he was not the only player to do so. Four others joined Robinson that year: Larry Doby for Cleveland (becoming the first Black player for the American Leagues), Hank Thompson and Willard Brown for the St. Louis Browns (team moved in 1953 to Baltimore and became the Baltimore Orioles), and Dan Bankhead also for the Brooklyn Dodgers (team moved in 1957 to Los Angeles and became the Los Angeles Dodgers). Over the years, the number of Negro League players who debuted for MLB teams fluctuated until 1978 when Harry Chappas became the last Negro League player to debut for an MLB team (Harry Chappas is actually white but played for the Indianapolis Clowns who are considered to be a Negro League team). In total, 87 players who played in the Negro Leagues also played for MLB teams. Figure 8 shows the years at which Negro League players debuted in MLB and the total count of players debuting that season. The greatest number of Negro Leagues players to debut in an MLB season was 11 in 1954.
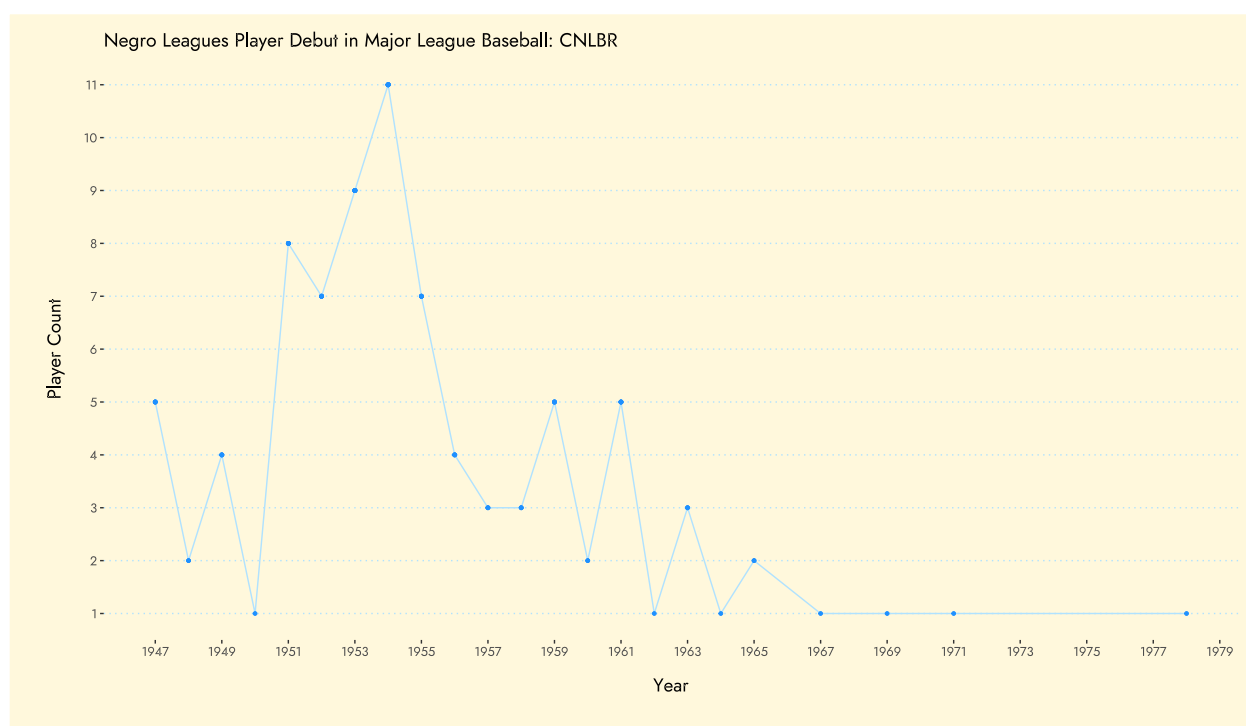
Figure 8: The number of players debuting for a given season in Major League Baseball who also played in the Negro Leagues.

However, while the greatest number of Negro Leagues players debuting in a year may be 11, this does not mean that only 11 Negro Leagues players were playing in MLB at the time. To get the actual count of Negro Leagues players playing in MLB for a given season, roster data was pulled from the Retrosheet database for the 1947 to 1987 seasons using the `get_retrosheet()` function from the `retrosheet` package [3]. These seasons were chosen as 1947 marked the first season in MLB in which Negro Leagues players played. The 1987 season was chosen as it provided a 40 year period, and as can

be seen in Table 3 no Negro Leagues players played on an MLB team after 1980. The last being Harry Chapas who debuted in 1978 and played his last MLB game in 1980.

As can be seen in Figure 9, the MLB season with the greatest number of Negro Leagues players was 1955 with 36 Negro Leagues players. This, at the time, represented 6% of the total MLB player population and equalled approximately 2.25 Negro Leagues players per MLB team (16 MLB teams existed in 1955 compared to the current 30). Which, fits with the notion that MLB teams would only carry two or three Black players on the roster. However, not every team had integrated by 1955 (the Boston Red Sox would be the last team to carry a Black player on their roster in 1959), and so some teams would have had more than the 2.25 average. Additionally, according to the SABR article **CITE** this was the season in which approximately 10% of the MLB player population consisted of Black players, whether those players had played in the Negro Leagues or not. Given that the MLB player population was 599 for the 1955 season, this means that there were approximately 60 Black players in MLB. Meaning that in addition to the 36 Negro Leagues players, there was 24 players who would most likely not have been able to play in MLB before 1947. This total also increases the average number of Black players on MLB teams in 1955 from 2.25 to 3.75 players. Which, while above the assumed three Black players per MLB team, still means that the average number of Black players per team at the height of Negro Leagues players in MLB was below four players per team even when including non-Negro Leagues players. For instance, the Milwaukee MLB team, Cleveland MLB team, and Brooklyn Dodgers each carried a total of six players who had previously played in the Negro Leagues on their roster in 1955. Indeed, the greatest amount of previous Negro Leagues players carried by any MLB team was six (see Table 4 in Appendix A for the count of Negro Leagues players for each MLB team). Additionally, while these teams may have carries six Negro Leagues players
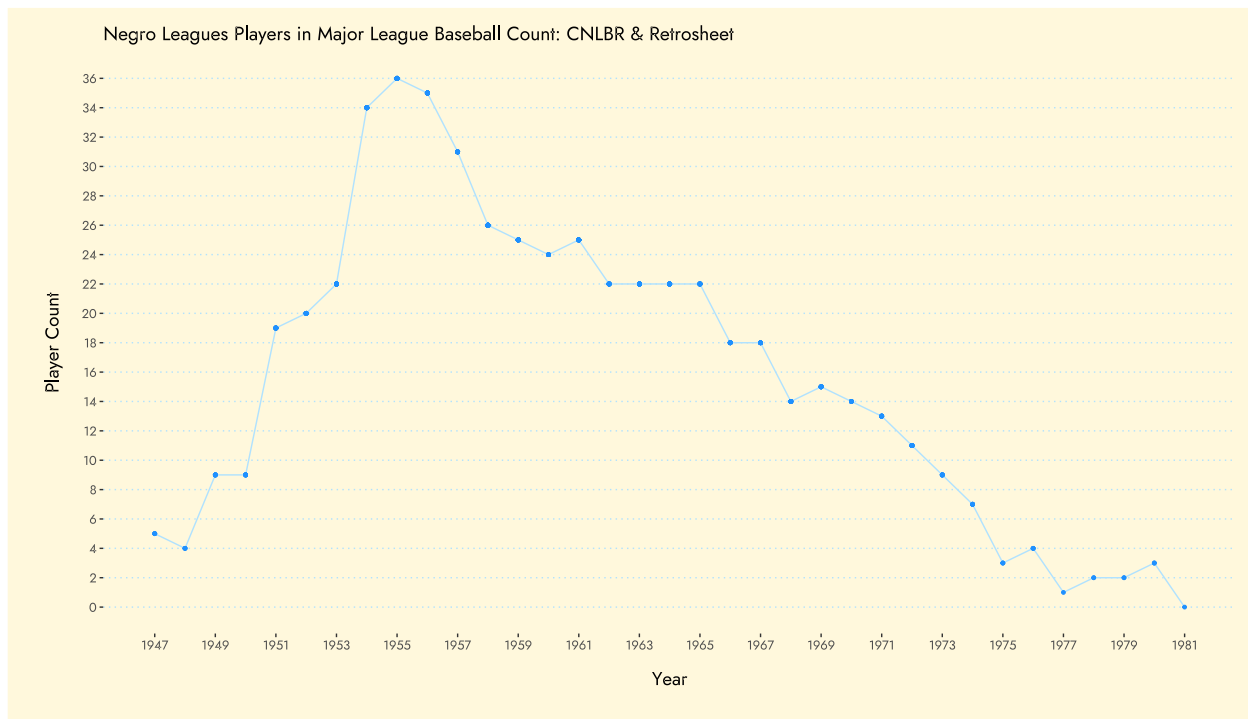
Figure 9: The number of players for a given season in Major League Baseball who also played in the Negro Leagues, 1947 to 1981.

Discussion

Appendix A: Tables

Table 1: Negro Leagues Player Counts, 1887-1948: Seamheads Data.

Season	Player Debut Count	Player Final Game Count	Player Count
1887	81	55	81
1888	10	10	36
1891	8	18	34
1894	10	3	26
1896	7	3	30
1897	17	9	44
1898	8	7	43
1899	9	6	45
1900	15	10	54
1901	4	2	48
1902	11	4	57
1903	10	3	63
1904	16	5	76
1905	22	5	93
1906	57	41	145
1907	46	22	150
1908	53	34	181
1909	57	37	204
1910	53	33	220
1911	60	69	247
1912	22	26	200
1913	39	37	213
1914	50	62	226
1915	46	30	210
1916	43	30	223
1917	50	49	243
1918	46	31	240
1919	58	36	267
1920	112	71	343
1921	133	87	405
1922	93	78	411
1923	109	84	442
1924	72	88	430
1925	66	68	408
1926	82	85	422

Table 1: Negro Leagues Player Counts, 1887-1948: Seamheads Data. *(continued)*

Season	Player Debut Count	Player Final Game Count	Player Count
1927	61	61	398
1928	65	73	402
1929	80	75	409
1930	71	71	405
1931	59	66	393
1932	177	187	504
1933	49	69	366
1934	43	55	340
1935	47	50	332
1936	60	48	342
1937	180	137	474
1938	89	88	426
1939	65	60	403
1940	110	91	453
1941	65	72	427
1942	63	73	418
1943	111	107	456
1944	92	110	441
1945	88	145	419
1946	87	110	361
1947	74	119	325
1948	87	293	293

Table 2: Negro Leagues Player Counts, 1874-1975: Wikipedia Data.

Season	Player Debut Count	Player Final Game Count	Player Count
1874	1	0	1
1878	1	0	2
1885	2	0	4
1886	5	0	9
1887	11	1	20
1889	1	0	20
1890	4	1	24
1891	0	2	23
1893	1	0	22
1894	3	1	25

Table 2: Negro Leagues Player Counts, 1874-1975: Wikipedia Data. *(continued)*

Season	Player Debut Count	Player Final Game Count	Player Count
1895	7	3	31
1896	6	3	34
1897	0	3	31
1898	4	1	32
1899	8	4	39
1900	7	3	42
1901	3	0	42
1902	9	1	51
1903	7	2	57
1904	10	0	65
1905	11	4	76
1906	16	9	88
1907	15	8	94
1908	24	4	110
1909	23	8	129
1910	20	7	141
1911	17	15	151
1912	18	7	154
1913	15	11	162
1914	17	17	168
1915	19	10	170
1916	23	10	183
1917	20	8	193
1918	17	9	202
1919	30	9	223
1920	81	26	295
1921	78	33	347
1922	44	28	358
1923	54	42	384
1924	37	48	379
1925	30	39	361
1926	36	37	358
1927	27	32	348
1928	33	41	349
1929	27	32	335
1930	37	36	340
1931	30	31	334

Table 2: Negro Leagues Player Counts, 1874-1975: Wikipedia Data. *(continued)*

Season	Player Debut Count	Player Final Game Count	Player Count
1932	58	69	361
1933	17	34	309
1934	27	35	302
1935	23	25	290
1936	22	31	287
1937	83	48	339
1938	44	31	335
1939	32	19	336
1940	54	47	371
1941	32	37	356
1942	30	30	349
1943	34	36	353
1944	43	39	360
1945	40	69	361
1946	57	67	349
1947	51	78	333
1948	44	138	299
1949	18	42	179
1950	24	82	161
1951	9	26	88
1952	16	20	78
1953	13	11	71
1954	11	21	71
1955	7	19	57
1956	7	12	45
1957	9	8	42
1958	2	13	36
1959	4	12	27
1960	3	8	18
1961	2	3	12
1962	2	1	11
1963	0	1	10
1964	0	3	9
1965	0	1	6
1975	1	1	6

Table 3: Negro Leagues Players in MLB - Counts and Proportions, 1947 - 1980: CNLBR and Retrosheet Data.

Season	MLB Population	NL Player Count	NL Players per MLB Population	NL Players per Team
1947	544	5	0.01	0.31
1948	542	4	0.01	0.25
1949	532	9	0.02	0.56
1950	530	9	0.02	0.56
1951	543	19	0.03	1.19
1952	556	20	0.04	1.25
1953	534	22	0.04	1.38
1954	536	34	0.06	2.12
1955	599	36	0.06	2.25
1956	552	35	0.06	2.19
1957	563	31	0.06	1.94
1958	580	26	0.04	1.62
1959	571	25	0.04	1.56
1960	575	24	0.04	1.50
1961	620	25	0.04	1.39
1962	702	22	0.03	1.10
1963	695	22	0.03	1.10
1964	700	22	0.03	1.10
1965	702	22	0.03	1.10
1966	714	18	0.03	0.90
1967	718	18	0.03	0.90
1968	676	14	0.02	0.70
1969	849	15	0.02	0.62
1970	849	14	0.02	0.58
1971	828	13	0.02	0.54
1972	824	11	0.01	0.46
1973	821	9	0.01	0.38
1974	861	7	0.01	0.29
1975	844	3	0.00	0.12
1976	818	4	0.00	0.17
1977	900	1	0.00	0.04
1978	904	2	0.00	0.08
1979	899	2	0.00	0.08
1980	916	3	0.00	0.12

Table 4: Negro Leagues Players in MLB - Player Counts per MLB Team,
1947 - 1980: CNLBR and Retrosheet Data.

Last Name	First Name	Team	Position	Season	NL Players per Team	Teams Played For in Season
Bankhead	Dan	Brooklyn Dodgers	P	1947	2	1
Robinson	Jackie	Brooklyn Dodgers	1B	1947	2	1
Doby	Larry	Cleveland	2B	1947	1	1
Brown	Willard	St. Louis Browns	OF	1947	2	1
Thompson	Hank	St. Louis Browns	2B	1947	2	1
Campanella	Roy	Brooklyn Dodgers	C	1948	2	1
Robinson	Jackie	Brooklyn Dodgers	2B	1948	2	1
Doby	Larry	Cleveland	OF	1948	2	1
Paige	Satchel	Cleveland	P	1948	2	1
Campanella	Roy	Brooklyn Dodgers	C	1949	3	1
Newcombe	Don	Brooklyn Dodgers	P	1949	3	1
Robinson	Jackie	Brooklyn Dodgers	2B	1949	3	1
Doby	Larry	Cleveland	OF	1949	4	1
Easter	Luke	Cleveland	OF	1949	4	1
Minoso	Minnie	Cleveland	OF	1949	4	1
Paige	Satchel	Cleveland	P	1949	4	1
Irvin	Monte	New York Giants	OF	1949	2	1
Thompson	Hank	New York Giants	2B	1949	2	1
Bankhead	Dan	Brooklyn Dodgers	P	1950	4	1

Table 4: Negro Leagues Players in MLB - Player Counts per MLB Team, 1947 - 1980: CNLBR and Retrosheet Data. *(continued)*

Last Name	First Name	Team	Position	Season	NL Players per Team	Teams Played For in Season
Campanella	Roy	Brooklyn Dodgers	C	1950	4	1
Newcombe	Don	Brooklyn Dodgers	P	1950	4	1
Robinson	Jackie	Brooklyn Dodgers	2B	1950	4	1
Jethroe	Sam	Boston	OF	1950	1	1
Doby	Larry	Cleveland	OF	1950	2	1
Easter	Luke	Cleveland	1B	1950	2	1
Irvin	Monte	New York Giants	1B	1950	2	1
Thompson	Hank	New York Giants	3B	1950	2	1
Bankhead	Dan	Brooklyn Dodgers	P	1951	4	1
Campanella	Roy	Brooklyn Dodgers	C	1951	4	1
Newcombe	Don	Brooklyn Dodgers	P	1951	4	1
Robinson	Jackie	Brooklyn Dodgers	2B	1951	4	1
Jethroe	Sam	Boston	OF	1951	2	1
Marquez	Luis	Boston	OF	1951	2	1
Boyd	Bob	Chicago White Sox	1B	1951	3	1
Hairston	Sam	Chicago White Sox	C	1951	3	1
Minoso	Minnie	Chicago White Sox	OF	1951	3	2
Doby	Larry	Cleveland	OF	1951	5	1
Easter	Luke	Cleveland	1B	1951	5	1

Table 4: Negro Leagues Players in MLB - Player Counts per MLB Team, 1947 - 1980: CNLBR and Retrosheet Data. *(continued)*

Last Name	First Name	Team	Position	Season	NL Players per Team	Teams Played For in Season
Jones	Sam	Cleveland	P	1951	5	1
Minoso	Minnie	Cleveland	1B	1951	5	2
Simpson	Harry	Cleveland	OF	1951	5	1
Irvin	Monte	New York Giants	OF	1951	5	1
Mays	Willie	New York Giants	OF	1951	5	1
Noble	Ray	New York Giants	C	1951	5	1
Thompson	Hank	New York Giants	3B	1951	5	1
Wilson	Artie	New York Giants	2B	1951	5	1
Paige	Satchel	St. Louis Browns	P	1951	1	1
Amoros	Sandy	Brooklyn Dodgers	OF	1952	4	1
Black	Joe	Brooklyn Dodgers	P	1952	4	1
Campanella	Roy	Brooklyn Dodgers	C	1952	4	1
Robinson	Jackie	Brooklyn Dodgers	2B	1952	4	1
Clarkson	Buzz	Boston	SS	1952	3	1
Crowe	George	Boston	1B	1952	3	1
Jethroe	Sam	Boston	OF	1952	3	1
Minoso	Minnie	Chicago White Sox	OF	1952	2	1
Rodriguez	Hector	Chicago White Sox	3B	1952	2	1
Doby	Larry	Cleveland	OF	1952	6	1

Last Name	First Name	Team	Position	Season	NL Players per Team	Teams Played For in Season
Easter	Luke	Cleveland	1B	1952	6	1
Jones	Sam	Cleveland	P	1952	6	1
Pope	Dave	Cleveland	OF	1952	6	1
Simpson	Harry	Cleveland	OF	1952	6	1
Trouppe	Quincy	Cleveland	C	1952	6	1
Irvin	Monte	New York Giants	OF	1952	4	1
Mays	Willie	New York Giants	OF	1952	4	1
Noble	Ray	New York Giants	C	1952	4	1
Thompson	Hank	New York Giants	OF	1952	4	1
Paige	Satchel	St. Louis Browns	P	1952	1	1
Black	Joe	Brooklyn Dodgers	P	1953	4	1
Campanella	Roy	Brooklyn Dodgers	C	1953	4	1
Gilliam	Jim	Brooklyn Dodgers	2B	1953	4	1
Robinson	Jackie	Brooklyn Dodgers	OF	1953	4	1
Boyd	Bob	Chicago White Sox	1B	1953	3	1
Johnson	Connie	Chicago White Sox	P	1953	3	1
Minoso	Minnie	Chicago White Sox	OF	1953	3	1
Baker	Gene	Chicago Cubs	2B	1953	2	1
Banks	Ernie	Chicago Cubs	SS	1953	2	1

Table 4: Negro Leagues Players in MLB - Player Counts per MLB Team, 1947 - 1980: CNLBR and Retrosheet Data. *(continued)*

Last Name	First Name	Team	Position	Season	NL Players per Team	Teams Played For in Season
Doby	Larry	Cleveland	OF	1953	5	1
Easter	Luke	Cleveland	1B	1953	5	1
Hoskins	Dave	Cleveland	P	1953	5	1
Simpson	Harry	Cleveland	OF	1953	5	1
Smith	Al	Cleveland	OF	1953	5	1
Bruton	Billy	Milwaukee	OF	1953	3	1
Crowe	George	Milwaukee	1B	1953	3	1
Pendleton	Jim	Milwaukee	OF	1953	3	1
Irvin	Monte	New York Giants	OF	1953	3	1
Noble	Ray	New York Giants	C	1953	3	1
Thompson	Hank	New York Giants	3B	1953	3	1
Trice	Bob	Philadelphia Athletics	P	1953	1	1
Paige	Satchel	St. Louis Browns	P	1953	1	1
Durham	Joe	Baltimore Orioles	OF	1954	2	1
Heard	Jay	Baltimore Orioles	P	1954	2	1
Amoros	Sandy	Brooklyn Dodgers	OF	1954	6	1
Black	Joe	Brooklyn Dodgers	P	1954	6	1
Campanella	Roy	Brooklyn Dodgers	C	1954	6	1
Gilliam	Jim	Brooklyn Dodgers	2B	1954	6	1

Table 4: Negro Leagues Players in MLB - Player Counts per MLB Team, 1947 - 1980: CNLBR and Retrosheet Data. *(continued)*

Last Name	First Name	Team	Position	Season	NL Players per Team	Teams Played For in Season
Newcombe	Don	Brooklyn Dodgers	P	1954	6	1
Robinson	Jackie	Brooklyn Dodgers	OF	1954	6	1
Boyd	Bob	Chicago White Sox	OF	1954	2	1
Minoso	Minnie	Chicago White Sox	OF	1954	2	1
Baker	Gene	Chicago Cubs	2B	1954	3	1
Banks	Ernie	Chicago Cubs	SS	1954	3	1
Marquez	Luis	Chicago Cubs	OF	1954	3	2
Harmon	Chuck	Cincinnati Reds	3B	1954	1	1
Doby	Larry	Cleveland	OF	1954	6	1
Easter	Luke	Cleveland	PH	1954	6	1
Hoskins	Dave	Cleveland	P	1954	6	1
Pope	Dave	Cleveland	OF	1954	6	1
Santiago	Jose	Cleveland	P	1954	6	1
Smith	Al	Cleveland	OF	1954	6	1
Aaron	Hank	Milwaukee	OF	1954	4	1
Bruton	Billy	Milwaukee	OF	1954	4	1
Pendleton	Jim	Milwaukee	OF	1954	4	1
White	Charlie	Milwaukee	C	1954	4	1
Irvin	Monte	New York Giants	OF	1954	3	1
Mays	Willie	New York Giants	OF	1954	3	1

Table 4: Negro Leagues Players in MLB - Player Counts per MLB Team,
1947 - 1980: CNLBR and Retrosheet Data. *(continued)*

Last Name	First Name	Team	Position	Season	NL Players per Team	Teams Played For in Season
Thompson	Hank	New York Giants	3B	1954	3	1
Taylor	Joe	Philadelphia Athletics	OF	1954	2	1
Trice	Bob	Philadelphia Athletics	P	1954	2	1
Jethroe	Sam	Pittsburgh Pirates	OF	1954	3	1
Marquez	Luis	Pittsburgh Pirates	OF	1954	3	2
Roberts	Curt	Pittsburgh Pirates	2B	1954	3	1
Alston	Tom	St. Louis Cardinals	1B	1954	2	1
Greason	Bill	St. Louis Cardinals	P	1954	2	1
Paula	Carlos	Washington Senators	OF	1954	1	1
Pope	Dave	Baltimore Orioles	OF	1955	1	2
Amoros	Sandy	Brooklyn Dodgers	OF	1955	6	1
Black	Joe	Brooklyn Dodgers	P	1955	6	2
Campanella	Roy	Brooklyn Dodgers	C	1955	6	1
Gilliam	Jim	Brooklyn Dodgers	2B	1955	6	1
Newcombe	Don	Brooklyn Dodgers	P	1955	6	1
Robinson	Jackie	Brooklyn Dodgers	3B	1955	6	1
Johnson	Connie	Chicago White Sox	P	1955	2	1
Minoso	Minnie	Chicago White Sox	OF	1955	2	1

Table 4: Negro Leagues Players in MLB - Player Counts per MLB Team, 1947 - 1980: CNLBR and Retrosheet Data. *(continued)*

Last Name	First Name	Team	Position	Season	NL Players per Team	Teams Played For in Season
Baker	Gene	Chicago Cubs	2B	1955	3	1
Banks	Ernie	Chicago Cubs	SS	1955	3	1
Jones	Sam	Chicago Cubs	P	1955	3	1
Black	Joe	Cincinnati Reds	P	1955	4	2
Harmon	Chuck	Cincinnati Reds	3B	1955	4	1
Smith	Milt	Cincinnati Reds	3B	1955	4	1
Thurman	Bob	Cincinnati Reds	OF	1955	4	1
Doby	Larry	Cleveland	OF	1955	6	1
Harrell	Billy	Cleveland	SS	1955	6	1
Pope	Dave	Cleveland	OF	1955	6	2
Santiago	Jose	Cleveland	P	1955	6	1
Simpson	Harry	Cleveland	PH	1955	6	2
Smith	Al	Cleveland	OF	1955	6	1
Simpson	Harry	Kansas City Athletics	OF	1955	2	2
Trice	Bob	Kansas City Athletics	P	1955	2	1
Aaron	Hank	Milwaukee	OF	1955	6	1
Bruton	Billy	Milwaukee	OF	1955	6	1
Crowe	George	Milwaukee	1B	1955	6	1
Pendleton	Jim	Milwaukee	3B	1955	6	1
Vargas	Roberto	Milwaukee	P	1955	6	1
White	Charlie	Milwaukee	C	1955	6	1

Table 4: Negro Leagues Players in MLB - Player Counts per MLB Team, 1947 - 1980: CNLBR and Retrosheet Data. *(continued)*

Last Name	First Name	Team	Position	Season	NL Players per Team	Teams Played For in Season
Irvin	Monte	New York Giants	OF	1955	3	1
Mays	Willie	New York Giants	OF	1955	3	1
Thompson	Hank	New York Giants	3B	1955	3	1
Howard	Elston	New York Yankees	OF	1955	1	1
Donoso	Lino	Pittsburgh Pirates	P	1955	2	1
Roberts	Curt	Pittsburgh Pirates	2B	1955	2	1
Alston	Tom	St. Louis Cardinals	1B	1955	1	1
Clarke	Webbo	Washington Senators	P	1955	2	1
Paula	Carlos	Washington Senators	OF	1955	2	1
Boyd	Bob	Baltimore Orioles	1B	1956	3	1
Johnson	Connie	Baltimore Orioles	P	1956	3	2
Pope	Dave	Baltimore Orioles	OF	1956	3	2
Amoros	Sandy	Brooklyn Dodgers	OF	1956	6	1
Campanella	Roy	Brooklyn Dodgers	C	1956	6	1
Gilliam	Jim	Brooklyn Dodgers	2B	1956	6	1
Neal	Charlie	Brooklyn Dodgers	2B	1956	6	1
Newcombe	Don	Brooklyn Dodgers	P	1956	6	1
Robinson	Jackie	Brooklyn Dodgers	3B	1956	6	1

Table 4: Negro Leagues Players in MLB - Player Counts per MLB Team, 1947 - 1980: CNLBR and Retrosheet Data. *(continued)*

Last Name	First Name	Team	Position	Season	NL Players per Team	Teams Played For in Season
Doby	Larry	Chicago White Sox	OF	1956	3	1
Johnson	Connie	Chicago White Sox	P	1956	3	2
Minoso	Minnie	Chicago White Sox	OF	1956	3	1
Baker	Gene	Chicago Cubs	2B	1956	4	1
Banks	Ernie	Chicago Cubs	SS	1956	4	1
Irvin	Monte	Chicago Cubs	OF	1956	4	1
Jones	Sam	Chicago Cubs	P	1956	4	1
Black	Joe	Cincinnati Reds	P	1956	5	1
Crowe	George	Cincinnati Reds	1B	1956	5	1
Harmon	Chuck	Cincinnati Reds	OF	1956	5	2
Scantlebury	Pat	Cincinnati Reds	P	1956	5	1
Thurman	Bob	Cincinnati Reds	OF	1956	5	1
Caffie	Joe	Cleveland	OF	1956	3	1
Pope	Dave	Cleveland	OF	1956	3	2
Smith	Al	Cleveland	OF	1956	3	1
Santiago	Jose	Kansas City Athletics	P	1956	2	1
Simpson	Harry	Kansas City Athletics	OF	1956	2	1
Aaron	Hank	Milwaukee	OF	1956	3	1
Bruton	Billy	Milwaukee	OF	1956	3	1
Pendleton	Jim	Milwaukee	SS	1956	3	1

Last Name	First Name	Team	Position	Season	NL Players per Team	Teams Played For in Season
Mays	Willie	New York Giants	OF	1956	2	1
Thompson	Hank	New York Giants	3B	1956	2	1
Howard	Elston	New York Yankees	OF	1956	1	1
Donoso	Lino	Pittsburgh Pirates	P	1956	2	1
Roberts	Curt	Pittsburgh Pirates	2B	1956	2	1
Alston	Tom	St. Louis Cardinals	1B	1956	3	1
Harmon	Chuck	St. Louis Cardinals	OF	1956	3	2
Peete	Charlie	St. Louis Cardinals	OF	1956	3	1
Paula	Carlos	Washington Senators	OF	1956	1	1
Boyd	Bob	Baltimore Orioles	1B	1957	3	1
Durham	Joe	Baltimore Orioles	OF	1957	3	1
Johnson	Connie	Baltimore Orioles	P	1957	3	1
Amoros	Sandy	Brooklyn Dodgers	OF	1957	5	1
Campanella	Roy	Brooklyn Dodgers	C	1957	5	1
Gilliam	Jim	Brooklyn Dodgers	2B	1957	5	1
Neal	Charlie	Brooklyn Dodgers	SS	1957	5	1
Newcombe	Don	Brooklyn Dodgers	P	1957	5	1
Doby	Larry	Chicago White Sox	OF	1957	2	1

Table 4: Negro Leagues Players in MLB - Player Counts per MLB Team,
1947 - 1980: CNLBR and Retrosheet Data. *(continued)*

Last Name	First Name	Team	Position	Season	NL Players per Team	Teams Played For in Season
Minoso	Minnie	Chicago White Sox	OF	1957	2	1
Baker	Gene	Chicago Cubs	3B	1957	2	2
Banks	Ernie	Chicago Cubs	SS	1957	2	1
Crowe	George	Cincinnati Reds	1B	1957	3	1
Taylor	Joe	Cincinnati Reds	OF	1957	3	1
Thurman	Bob	Cincinnati Reds	OF	1957	3	1
Caffie	Joe	Cleveland	OF	1957	4	1
Harrell	Billy	Cleveland	SS	1957	4	1
Raines	Larry	Cleveland	3B	1957	4	1
Smith	Al	Cleveland	3B	1957	4	1
Simpson	Harry	Kansas City Athletics	1B	1957	1	2
Aaron	Hank	Milwaukee	OF	1957	2	1
Bruton	Billy	Milwaukee	OF	1957	2	1
Mays	Willie	New York Giants	OF	1957	1	1
Howard	Elston	New York Yankees	OF	1957	2	1
Simpson	Harry	New York Yankees	OF	1957	2	2
Harmon	Chuck	Philadelphia Phillies	OF	1957	2	2
Kennedy	John	Philadelphia Phillies	SS	1957	2	1
Baker	Gene	Pittsburgh Pirates	3B	1957	2	2
Pendleton	Jim	Pittsburgh Pirates	OF	1957	2	1

Last Name	First Name	Team	Position	Season	NL Players per Team	Teams Played For in Season
Alston	Tom	St. Louis Cardinals	1B	1957	4	1
Barnes	Frank	St. Louis Cardinals	P	1957	4	1
Harmon	Chuck	St. Louis Cardinals	OF	1957	4	2
Jones	Sam	St. Louis Cardinals	P	1957	4	1
Black	Joe	Washington Senators	P	1957	1	1
Boyd	Bob	Baltimore Orioles	1B	1958	3	1
Johnson	Connie	Baltimore Orioles	P	1958	3	1
Taylor	Joe	Baltimore Orioles	OF	1958	3	2
Smith	Al	Chicago White Sox	OF	1958	1	1
Banks	Ernie	Chicago Cubs	SS	1958	1	1
Crowe	George	Cincinnati Reds	1B	1958	3	1
Newcombe	Don	Cincinnati Reds	P	1958	3	2
Thurman	Bob	Cincinnati Reds	OF	1958	3	1
Doby	Larry	Cleveland	OF	1958	4	1
Harrell	Billy	Cleveland	3B	1958	4	1
Minoso	Minnie	Cleveland	OF	1958	4	1
Raines	Larry	Cleveland	2B	1958	4	1
Simpson	Harry	Kansas City Athletics	1B	1958	1	2
Gilliam	Jim	Los Angeles Dodgers	OF	1958	4	1

Table 4: Negro Leagues Players in MLB - Player Counts per MLB Team, 1947 - 1980: CNLBR and Retrosheet Data. *(continued)*

Last Name	First Name	Team	Position	Season	NL Players per Team	Teams Played For in Season
Neal	Charlie	Los Angeles Dodgers	2B	1958	4	1
Newcombe	Don	Los Angeles Dodgers	P	1958	4	2
Wilson	Bob	Los Angeles Dodgers	OF	1958	4	1
Aaron	Hank	Milwaukee	OF	1958	2	1
Bruton	Billy	Milwaukee	OF	1958	2	1
Howard	Elston	New York Yankees	C	1958	2	1
Simpson	Harry	New York Yankees	OF	1958	2	2
Herrera	Pancho	Philadelphia Phillies	3B	1958	2	1
Mason	Hank	Philadelphia Phillies	P	1958	2	1
Baker	Gene	Pittsburgh Pirates	3B	1958	2	1
Pendleton	Jim	Pittsburgh Pirates	PH	1958	2	1
Mays	Willie	San Francisco Giants	OF	1958	1	1
Barnes	Frank	St. Louis Cardinals	P	1958	3	1
Jones	Sam	St. Louis Cardinals	P	1958	3	1
Taylor	Joe	St. Louis Cardinals	OF	1958	3	2
Boyd	Bob	Baltimore Orioles	1B	1959	2	1
Taylor	Joe	Baltimore Orioles	OF	1959	2	1
Doby	Larry	Chicago White Sox	OF	1959	3	2
Simpson	Harry	Chicago White Sox	OF	1959	3	3

Table 4: Negro Leagues Players in MLB - Player Counts per MLB Team, 1947 - 1980: CNLBR and Retrosheet Data. *(continued)*

Last Name	First Name	Team	Position	Season	NL Players per Team	Teams Played For in Season
Smith	Al	Chicago White Sox	OF	1959	3	1
Altman	George	Chicago Cubs	OF	1959	2	1
Banks	Ernie	Chicago Cubs	SS	1959	2	1
Newcombe	Don	Cincinnati Reds	P	1959	3	1
Pendleton	Jim	Cincinnati Reds	OF	1959	3	1
Thurman	Bob	Cincinnati Reds	PH	1959	3	1
Minoso	Minnie	Cleveland	OF	1959	1	1
Doby	Larry	Detroit Tigers	OF	1959	2	2
Proctor	Jim	Detroit Tigers	P	1959	2	1
Simpson	Harry	Kansas City Athletics	1B	1959	1	3
Amoros	Sandy	Los Angeles Dodgers	PH	1959	4	1
Gilliam	Jim	Los Angeles Dodgers	3B	1959	4	1
Neal	Charlie	Los Angeles Dodgers	2B	1959	4	1
Wills	Maury	Los Angeles Dodgers	SS	1959	4	1
Aaron	Hank	Milwaukee	OF	1959	2	1
Bruton	Billy	Milwaukee	OF	1959	2	1
Howard	Elston	New York Yankees	1B	1959	1	1
Simpson	Harry	Pittsburgh Pirates	OF	1959	1	3
Jones	Sam	San Francisco Giants	P	1959	3	1

Last Name	First Name	Team	Position	Season	NL Players per Team	Teams Played For in Season
Mays	Willie	San Francisco Giants	OF	1959	3	1
McCovey	Willie	San Francisco Giants	1B	1959	3	1
Bridges	Marshall	St. Louis Cardinals	P	1959	3	1
Crowe	George	St. Louis Cardinals	1B	1959	3	1
Durham	Joe	St. Louis Cardinals	OF	1959	3	1
Boyd	Bob	Baltimore Orioles	1B	1960	1	1
Minoso	Minnie	Chicago White Sox	OF	1960	2	1
Smith	Al	Chicago White Sox	OF	1960	2	1
Altman	George	Chicago Cubs	OF	1960	3	1
Banks	Ernie	Chicago Cubs	SS	1960	3	1
Johnson	Lou	Chicago Cubs	OF	1960	3	1
Bridges	Marshall	Cincinnati Reds	P	1960	2	2
Newcombe	Don	Cincinnati Reds	P	1960	2	2
Bond	Walt	Cleveland	OF	1960	2	1
Newcombe	Don	Cleveland	P	1960	2	2
Amoros	Sandy	Detroit Tigers	OF	1960	1	2
Amoros	Sandy	Los Angeles Dodgers	OF	1960	4	2
Gilliam	Jim	Los Angeles Dodgers	3B	1960	4	1
Neal	Charlie	Los Angeles Dodgers	2B	1960	4	1

Table 4: Negro Leagues Players in MLB - Player Counts per MLB Team, 1947 - 1980: CNLBR and Retrosheet Data. *(continued)*

Last Name	First Name	Team	Position	Season	NL Players per Team	Teams Played For in Season
Wills	Maury	Los Angeles Dodgers	SS	1960	4	1
Aaron	Hank	Milwaukee	OF	1960	2	1
Bruton	Billy	Milwaukee	OF	1960	2	1
Howard	Elston	New York Yankees	C	1960	1	1
Herrera	Pancho	Philadelphia Phillies	1B	1960	2	1
Mason	Hank	Philadelphia Phillies	P	1960	2	1
Baker	Gene	Pittsburgh Pirates	3B	1960	1	1
Jones	Sam	San Francisco Giants	P	1960	3	1
Mays	Willie	San Francisco Giants	OF	1960	3	1
McCovey	Willie	San Francisco Giants	1B	1960	3	1
Barnes	Frank	St. Louis Cardinals	P	1960	3	1
Bridges	Marshall	St. Louis Cardinals	P	1960	3	2
Crowe	George	St. Louis Cardinals	1B	1960	3	1
Harrell	Billy	Boston Red Sox	3B	1961	1	1
Minoso	Minnie	Chicago White Sox	OF	1961	2	1
Smith	Al	Chicago White Sox	3B	1961	2	1
Altman	George	Chicago Cubs	OF	1961	2	1
Banks	Ernie	Chicago Cubs	SS	1961	2	1
Bridges	Marshall	Cincinnati Reds	P	1961	1	1

Table 4: Negro Leagues Players in MLB - Player Counts per MLB Team, 1947 - 1980: CNLBR and Retrosheet Data. *(continued)*

Last Name	First Name	Team	Position	Season	NL Players per Team	Teams Played For in Season
Bond	Walt	Cleveland	OF	1961	2	1
Jones	Hal	Cleveland	1B	1961	2	1
Bruton	Billy	Detroit Tigers	OF	1961	1	1
Boyd	Bob	Kansas City Athletics	1B	1961	3	2
Prescott	Bob	Kansas City Athletics	OF	1961	3	1
Wyatt	John	Kansas City Athletics	P	1961	3	1
Johnson	Lou	Los Angeles Angels	OF	1961	1	1
Gilliam	Jim	Los Angeles Dodgers	3B	1961	3	1
Neal	Charlie	Los Angeles Dodgers	2B	1961	3	1
Wills	Maury	Los Angeles Dodgers	SS	1961	3	1
Aaron	Hank	Milwaukee	OF	1961	2	1
Boyd	Bob	Milwaukee	1B	1961	2	2
Howard	Elston	New York Yankees	C	1961	1	1
Herrera	Pancho	Philadelphia Phillies	1B	1961	1	1
Baker	Gene	Pittsburgh Pirates	3B	1961	2	1
Clendenon	Donn	Pittsburgh Pirates	OF	1961	2	1
Jones	Sam	San Francisco Giants	P	1961	3	1
Mays	Willie	San Francisco Giants	OF	1961	3	1
McCovey	Willie	San Francisco Giants	1B	1961	3	1

Table 4: Negro Leagues Players in MLB - Player Counts per MLB Team,
1947 - 1980: CNLBR and Retrosheet Data. *(continued)*

Last Name	First Name	Team	Position	Season	NL Players per Team	Teams Played For in Season
Crowe	George	St. Louis Cardinals	PH	1961	1	1
Smith	Al	Chicago White Sox	3B	1962	1	1
Altman	George	Chicago Cubs	OF	1962	2	1
Banks	Ernie	Chicago Cubs	1B	1962	2	1
Bond	Walt	Cleveland	OF	1962	2	1
Jones	Hal	Cleveland	1B	1962	2	1
Bruton	Billy	Detroit Tigers	OF	1962	2	1
Jones	Sam	Detroit Tigers	P	1962	2	1
Hartman	J.C.	Houston Astros	SS	1962	2	1
Pendleton	Jim	Houston Astros	OF	1962	2	1
Wyatt	John	Kansas City Athletics	P	1962	1	1
Gilliam	Jim	Los Angeles Dodgers	2B	1962	2	1
Wills	Maury	Los Angeles Dodgers	SS	1962	2	1
Aaron	Hank	Milwaukee	OF	1962	2	1
Johnson	Lou	Milwaukee	OF	1962	2	1
Bridges	Marshall	New York Yankees	P	1962	2	1
Howard	Elston	New York Yankees	C	1962	2	1
Neal	Charlie	New York Mets	2B	1962	1	1
Clendenon	Donn	Pittsburgh Pirates	1B	1962	1	1
Mays	Willie	San Francisco Giants	OF	1962	2	1

Last Name	First Name	Team	Position	Season	NL Players per Team	Teams Played For in Season
McCovey	Willie	San Francisco Giants	OF	1962	2	1
Minoso	Minnie	St. Louis Cardinals	OF	1962	1	1
Kennedy	John	Washington Senators	SS	1962	1	1
Smith	Al	Baltimore Orioles	OF	1963	1	1
Banks	Ernie	Chicago Cubs	1B	1963	1	1
Neal	Charlie	Cincinnati Reds	3B	1963	1	2
Bruton	Billy	Detroit Tigers	OF	1963	3	1
Smith	George	Detroit Tigers	2B	1963	3	1
Smith	Willie	Detroit Tigers	P	1963	3	1
Hartman	J.C.	Houston Astros	SS	1963	1	1
Santiago	Jose	Kansas City Athletics	P	1963	2	1
Wyatt	John	Kansas City Athletics	P	1963	2	1
Dees	Charlie	Los Angeles Angels	1B	1963	1	1
Gilliam	Jim	Los Angeles Dodgers	2B	1963	2	1
Wills	Maury	Los Angeles Dodgers	SS	1963	2	1
Aaron	Hank	Milwaukee	OF	1963	1	1
Bridges	Marshall	New York Yankees	P	1963	2	1
Howard	Elston	New York Yankees	C	1963	2	1
Neal	Charlie	New York Mets	3B	1963	1	2

Table 4: Negro Leagues Players in MLB - Player Counts per MLB Team, 1947 - 1980: CNLBR and Retrosheet Data. *(continued)*

Last Name	First Name	Team	Position	Season	NL Players per Team	Teams Played For in Season
Clendenon	Donn	Pittsburgh Pirates	1B	1963	1	1
Mays	Willie	San Francisco Giants	OF	1963	2	1
McCovey	Willie	San Francisco Giants	OF	1963	2	1
Altman	George	St. Louis Cardinals	OF	1963	2	1
Jones	Sam	St. Louis Cardinals	P	1963	2	1
Kennedy	John	Washington Senators	3B	1963	2	1
Minoso	Minnie	Washington Senators	OF	1963	2	1
Jones	Sam	Baltimore Orioles	P	1964	1	1
Smith	Al	Boston Red Sox	3B	1964	1	2
Minoso	Minnie	Chicago White Sox	OF	1964	1	1
Banks	Ernie	Chicago Cubs	1B	1964	1	1
Smith	Al	Cleveland	OF	1964	1	2
Bruton	Billy	Detroit Tigers	OF	1964	2	1
Smith	George	Detroit Tigers	2B	1964	2	1
Bond	Walt	Houston Astros	1B	1964	1	1
Odom	John	Kansas City Athletics	P	1964	3	1
Santiago	Jose	Kansas City Athletics	P	1964	3	1
Wyatt	John	Kansas City Athletics	P	1964	3	1
Dees	Charlie	Los Angeles Angels	1B	1964	2	1

Table 4: Negro Leagues Players in MLB - Player Counts per MLB Team, 1947 - 1980: CNLBR and Retrosheet Data. *(continued)*

Last Name	First Name	Team	Position	Season	NL Players per Team	Teams Played For in Season
Smith	Willie	Los Angeles Angels	OF	1964	2	1
Gilliam	Jim	Los Angeles Dodgers	3B	1964	2	1
Wills	Maury	Los Angeles Dodgers	SS	1964	2	1
Aaron	Hank	Milwaukee	OF	1964	1	1
Howard	Elston	New York Yankees	C	1964	1	1
Altman	George	New York Mets	OF	1964	1	1
Clendenon	Donn	Pittsburgh Pirates	1B	1964	1	1
Mays	Willie	San Francisco Giants	OF	1964	2	1
McCovey	Willie	San Francisco Giants	OF	1964	2	1
Bridges	Marshall	Washington Senators	P	1964	2	1
Kennedy	John	Washington Senators	3B	1964	2	1
Dees	Charlie	California Angels	1B	1965	2	1
Smith	Willie	California Angels	OF	1965	2	1
Altman	George	Chicago Cubs	OF	1965	2	1
Banks	Ernie	Chicago Cubs	1B	1965	2	1
Smith	George	Detroit Tigers	2B	1965	1	1
Bond	Walt	Houston Astros	1B	1965	1	1
Odom	John	Kansas City Athletics	P	1965	4	1
Paige	Satchel	Kansas City Athletics	P	1965	4	1

Last Name	First Name	Team	Position	Season	NL Players per Team	Teams Played For in Season
Santiago	Jose	Kansas City Athletics	P	1965	4	1
Wyatt	John	Kansas City Athletics	P	1965	4	1
Gilliam	Jim	Los Angeles Dodgers	3B	1965	4	1
Johnson	Lou	Los Angeles Dodgers	OF	1965	4	1
Kennedy	John	Los Angeles Dodgers	3B	1965	4	1
Wills	Maury	Los Angeles Dodgers	SS	1965	4	1
Aaron	Hank	Milwaukee	OF	1965	1	1
Howard	Elston	New York Yankees	C	1965	1	1
Clendenon	Donn	Pittsburgh Pirates	1B	1965	2	1
Spriggs	George	Pittsburgh Pirates	OF	1965	2	1
Mays	Willie	San Francisco Giants	OF	1965	2	1
McCovey	Willie	San Francisco Giants	1B	1965	2	1
Bridges	Marshall	Washington Senators	P	1965	2	1
Casanova	Paul	Washington Senators	C	1965	2	1
Aaron	Hank	Atlanta	OF	1966	1	1
Santiago	Jose	Boston Red Sox	P	1966	3	1
Smith	George	Boston Red Sox	2B	1966	3	1
Wyatt	John	Boston Red Sox	P	1966	3	2
Smith	Willie	California Angels	OF	1966	1	1

Table 4: Negro Leagues Players in MLB - Player Counts per MLB Team,
1947 - 1980: CNLBR and Retrosheet Data. *(continued)*

Last Name	First Name	Team	Position	Season	NL Players per Team	Teams Played For in Season
Altman	George	Chicago Cubs	OF	1966	2	1
Banks	Ernie	Chicago Cubs	1B	1966	2	1
Odom	John	Kansas City Athletics	P	1966	2	1
Wyatt	John	Kansas City Athletics	P	1966	2	2
Gilliam	Jim	Los Angeles Dodgers	3B	1966	4	1
Johnson	Lou	Los Angeles Dodgers	OF	1966	4	1
Kennedy	John	Los Angeles Dodgers	3B	1966	4	1
Wills	Maury	Los Angeles Dodgers	SS	1966	4	1
Howard	Elston	New York Yankees	C	1966	1	1
Clendenon	Donn	Pittsburgh Pirates	1B	1966	2	1
Spriggs	George	Pittsburgh Pirates	PH	1966	2	1
Mays	Willie	San Francisco Giants	OF	1966	2	1
McCovey	Willie	San Francisco Giants	1B	1966	2	1
Casanova	Paul	Washington Senators	C	1966	1	1
Aaron	Hank	Atlanta	OF	1967	1	1
Howard	Elston	Boston Red Sox	C	1967	3	2
Santiago	Jose	Boston Red Sox	P	1967	3	1
Wyatt	John	Boston Red Sox	P	1967	3	1
Altman	George	Chicago Cubs	OF	1967	2	1

Table 4: Negro Leagues Players in MLB - Player Counts per MLB Team, 1947 - 1980: CNLBR and Retrosheet Data. *(continued)*

Last Name	First Name	Team	Position	Season	NL Players per Team	Teams Played For in Season
Banks	Ernie	Chicago Cubs	1B	1967	2	1
Smith	Willie	Cleveland	OF	1967	1	1
King	Hal	Houston Astros	C	1967	1	1
Odom	John	Kansas City Athletics	P	1967	1	1
Johnson	Lou	Los Angeles Dodgers	OF	1967	1	1
Bond	Walt	Minnesota Twins	OF	1967	1	1
Howard	Elston	New York Yankees	C	1967	2	2
Kennedy	John	New York Yankees	SS	1967	2	1
Clendenon	Donn	Pittsburgh Pirates	1B	1967	3	1
Spriggs	George	Pittsburgh Pirates	OF	1967	3	1
Wills	Maury	Pittsburgh Pirates	3B	1967	3	1
Mays	Willie	San Francisco Giants	OF	1967	2	1
McCovey	Willie	San Francisco Giants	1B	1967	2	1
Casanova	Paul	Washington Senators	C	1967	1	1
Aaron	Hank	Atlanta	OF	1968	1	1
Howard	Elston	Boston Red Sox	C	1968	3	1
Santiago	Jose	Boston Red Sox	P	1968	3	1
Wyatt	John	Boston Red Sox	P	1968	3	3
Banks	Ernie	Chicago Cubs	1B	1968	3	1

43

Table 4: Negro Leagues Players in MLB - Player Counts per MLB Team,
1947 - 1980: CNLBR and Retrosheet Data. *(continued)*

Last Name	First Name	Team	Position	Season	NL Players per Team	Teams Played For in Season
Johnson	Lou	Chicago Cubs	OF	1968	3	2
Smith	Willie	Chicago Cubs	OF	1968	3	2
Johnson	Lou	Cleveland	OF	1968	2	2
Smith	Willie	Cleveland	1B	1968	2	2
Wyatt	John	Detroit Tigers	P	1968	1	3
King	Hal	Houston Astros	C	1968	1	1
Wyatt	John	New York Yankees	P	1968	1	3
Odom	John	Oakland Athletics	P	1968	1	1
Clendenon	Donn	Pittsburgh Pirates	1B	1968	2	1
Wills	Maury	Pittsburgh Pirates	3B	1968	2	1
Mays	Willie	San Francisco Giants	OF	1968	2	1
McCovey	Willie	San Francisco Giants	1B	1968	2	1
Casanova	Paul	Washington Senators	C	1968	1	1
Aaron	Hank	Atlanta	OF	1969	1	1
Santiago	Jose	Boston Red Sox	P	1969	1	1
Johnson	Lou	California Angels	OF	1969	1	1
Banks	Ernie	Chicago Cubs	1B	1969	2	1
Smith	Willie	Chicago Cubs	OF	1969	2	1
Brown	Ike	Detroit Tigers	2B	1969	1	1
Spriggs	George	Kansas City Royals	OF	1969	1	1

Table 4: Negro Leagues Players in MLB - Player Counts per MLB Team, 1947 - 1980: CNLBR and Retrosheet Data. *(continued)*

Last Name	First Name	Team	Position	Season	NL Players per Team	Teams Played For in Season
Wills	Maury	Los Angeles Dodgers	SS	1969	1	2
Clendenon	Donn	Montreal Expos	1B	1969	2	2
Wills	Maury	Montreal Expos	SS	1969	2	2
Clendenon	Donn	New York Mets	1B	1969	1	2
Odom	John	Oakland Athletics	P	1969	2	1
Wyatt	John	Oakland Athletics	P	1969	2	1
Kennedy	John	Seattle Pilots	SS	1969	1	1
Mays	Willie	San Francisco Giants	OF	1969	2	1
McCovey	Willie	San Francisco Giants	1B	1969	2	1
Casanova	Paul	Washington Senators	C	1969	1	1
Aaron	Hank	Atlanta	OF	1970	2	1
King	Hal	Atlanta	C	1970	2	1
Kennedy	John	Boston Red Sox	3B	1970	2	2
Santiago	Jose	Boston Red Sox	P	1970	2	1
Banks	Ernie	Chicago Cubs	1B	1970	2	1
Smith	Willie	Chicago Cubs	1B	1970	2	1
Brown	Ike	Detroit Tigers	2B	1970	1	1
Spriggs	George	Kansas City Royals	OF	1970	1	1
Wills	Maury	Los Angeles Dodgers	SS	1970	1	1

Table 4: Negro Leagues Players in MLB - Player Counts per MLB Team, 1947 - 1980: CNLBR and Retrosheet Data. *(continued)*

Last Name	First Name	Team	Position	Season	NL Players per Team	Teams Played For in Season
Kennedy	John	Milwaukee Brewers	2B	1970	1	2
Clendenon	Donn	New York Mets	1B	1970	1	1
Odom	John	Oakland Athletics	P	1970	1	1
Mays	Willie	San Francisco Giants	OF	1970	2	1
McCovey	Willie	San Francisco Giants	1B	1970	2	1
Casanova	Paul	Washington Senators	C	1970	1	1
Aaron	Hank	Atlanta	1B	1971	2	1
King	Hal	Atlanta	C	1971	2	1
Kennedy	John	Boston Red Sox	2B	1971	1	1
Parker	Billy	California Angels	2B	1971	1	1
Banks	Ernie	Chicago Cubs	1B	1971	1	1
Smith	Willie	Cincinnati Reds	1B	1971	1	1
Brown	Ike	Detroit Tigers	1B	1971	1	1
Wills	Maury	Los Angeles Dodgers	SS	1971	1	1
Clendenon	Donn	New York Mets	1B	1971	1	1
Odom	John	Oakland Athletics	P	1971	1	1
Mays	Willie	San Francisco Giants	OF	1971	2	1
McCovey	Willie	San Francisco Giants	1B	1971	2	1
Casanova	Paul	Washington Senators	C	1971	1	1

Last Name	First Name	Team	Position	Season	NL Players per Team	Teams Played For in Season
Aaron	Hank	Atlanta	1B	1972	2	1
Casanova	Paul	Atlanta	C	1972	2	1
Kennedy	John	Boston Red Sox	2B	1972	1	1
Parker	Billy	California Angels	3B	1972	1	1
Brown	Ike	Detroit Tigers	OF	1972	1	1
Wills	Maury	Los Angeles Dodgers	SS	1972	1	1
Mays	Willie	New York Mets	OF	1972	1	2
Odom	John	Oakland Athletics	P	1972	1	1
Mays	Willie	San Francisco Giants	OF	1972	2	2
McCovey	Willie	San Francisco Giants	1B	1972	2	1
Clendenon	Donn	St. Louis Cardinals	1B	1972	1	1
King	Hal	Texas Rangers	C	1972	1	1
Aaron	Hank	Atlanta	OF	1973	2	1
Casanova	Paul	Atlanta	C	1973	2	1
Kennedy	John	Boston Red Sox	2B	1973	1	1
Parker	Billy	California Angels	2B	1973	1	1
King	Hal	Cincinnati Reds	C	1973	1	1
Brown	Ike	Detroit Tigers	1B	1973	1	1
Mays	Willie	New York Mets	OF	1973	1	1

Table 4: Negro Leagues Players in MLB - Player Counts per MLB Team, 1947 - 1980: CNLBR and Retrosheet Data. *(continued)*

Last Name	First Name	Team	Position	Season	NL Players per Team	Teams Played For in Season
Odom	John	Oakland Athletics	P	1973	1	1
McCovey	Willie	San Francisco Giants	1B	1973	1	1
Aaron	Hank	Atlanta	OF	1974	2	1
Casanova	Paul	Atlanta	C	1974	2	1
Kennedy	John	Boston Red Sox	2B	1974	1	1
King	Hal	Cincinnati Reds	C	1974	1	1
Brown	Ike	Detroit Tigers	3B	1974	1	1
Odom	John	Oakland Athletics	P	1974	1	1
McCovey	Willie	San Diego Padres	1B	1974	1	1
Odom	John	Atlanta	P	1975	1	3
Odom	John	Cleveland	P	1975	1	3
Aaron	Hank	Milwaukee Brewers	DH	1975	1	1
Odom	John	Oakland Athletics	P	1975	1	3
McCovey	Willie	San Diego Padres	1B	1975	1	1
Minoso	Minnie	Chicago White Sox	DH	1976	2	1
Odom	John	Chicago White Sox	P	1976	2	1
Aaron	Hank	Milwaukee Brewers	DH	1976	1	1
McCovey	Willie	Oakland Athletics	DH	1976	1	2
McCovey	Willie	San Diego Padres	1B	1976	1	2

Table 4: Negro Leagues Players in MLB - Player Counts per MLB Team, 1947 - 1980: CNLBR and Retrosheet Data. *(continued)*

| Last Name	First Name	Team	Position	Season	NL Players per Team	Teams Played For in Season
McCovey	Willie	San Francisco Giants	1B	1977	1	1
Chappas	Harry	Chicago White Sox	SS	1978	1	1
McCovey	Willie	San Francisco Giants	1B	1978	1	1
Chappas	Harry	Chicago White Sox	SS	1979	1	1
McCovey	Willie	San Francisco Giants	1B	1979	1	1
Chappas	Harry	Chicago White Sox	SS	1980	2	1
Minoso	Minnie	Chicago White Sox	PH	1980	2	1
McCovey	Willie	San Francisco Giants	1B	1980	1	1

Appendix B: Charts
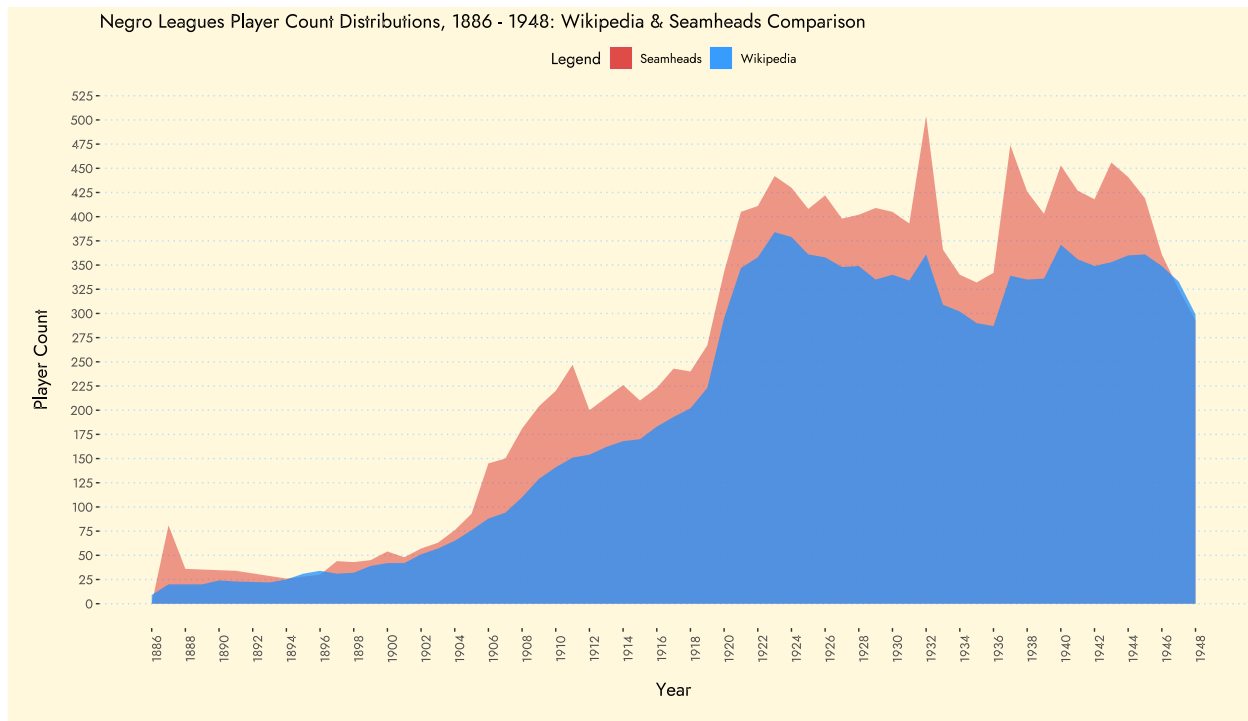
Figure 10: The estimated distribution of players in the Negro Leagues, 1886 to 1948: Wikipedia-Seamheads comparison.

References

[1] Charlie Pavitt. *Major League Player Ethnicity, Participation, and Fielding Position, 1946-2018*. 2020. URL: https://sabr.org/journal/article/major-league-player-ethnicity-participation-and-fielding-position-1946-2018/.

[2] CNLBR. *Center for Negro League Baseball Research*. 2021. URL: http://www.cnlbr.org/Default.aspx.

[3] Colin Douglas and Richard Scriven. *retrosheet: Import Professional Baseball Data from 'Retrosheet'*. R package version 1.1.3. 2020. URL: https://CRAN.R-project.org/package=retrosheet.

[4] Michael Friendly et al. *Lahman: Sean 'Lahman' Baseball Database*. R package version 9.0-0. 2021. URL: https://CRAN.R-project.org/package=Lahman.

[5] Gary Ashwill and Patrick Rock and Scott Simkus and Larry Lester and Larry Lester. *Seamheads Negro League Database*. 2018. URL: https://www.seamheads.com/NegroLgs/index.php.

[6] Mark Armour and Daniel R. Levitt. *Baseball Demographics, 1947-2016*. 2016. URL: https://sabr.org/bioproj/topic/baseball-demographics-1947-2016/.

[7]   Center for Negro League Baseball Research. *Negro League Players Who Made the Major Leagues.* URL: http://www.cnlbr.org/Portals/0/RL/Negro%20League%20Players%20Who%20Played%20in%20the%20Major%20Leagues.pdf.

[8]   Neil Paine and Anna Wiederkher and Jay Boice. *The Negro League stars that MLB kept out - and is finally recognizing.* 2021. URL: https://projects.fivethirtyeight.com/negro-leagues-mlb/.

[9]   Jeroen Ooms. *pdftools: Text Extraction, Rendering and Converting of PDF Documents.* R package version 2.3.1. 2020. URL: https://CRAN.R-project.org/package=pdftools.

[10]   Bill Petti. *baseballr: A package written for R focused on baseball analysis.* R package version 0.8.4. 2021. URL: http://billpetti.github.io/baseballr/.

[11]   Hadley Wickham. *rvest: Easily Harvest (Scrape) Web Pages.* R package version 1.0.0. 2021. URL: https://CRAN.R-project.org/package=rvest.

[12]   Wikipedia contributors. *List of Negro league players — Wikipedia, The Free Encyclopedia.* URL: https://en.wikipedia.org/wiki/List_of_Negro_league_baseball_players (visited on 04/16/2021).