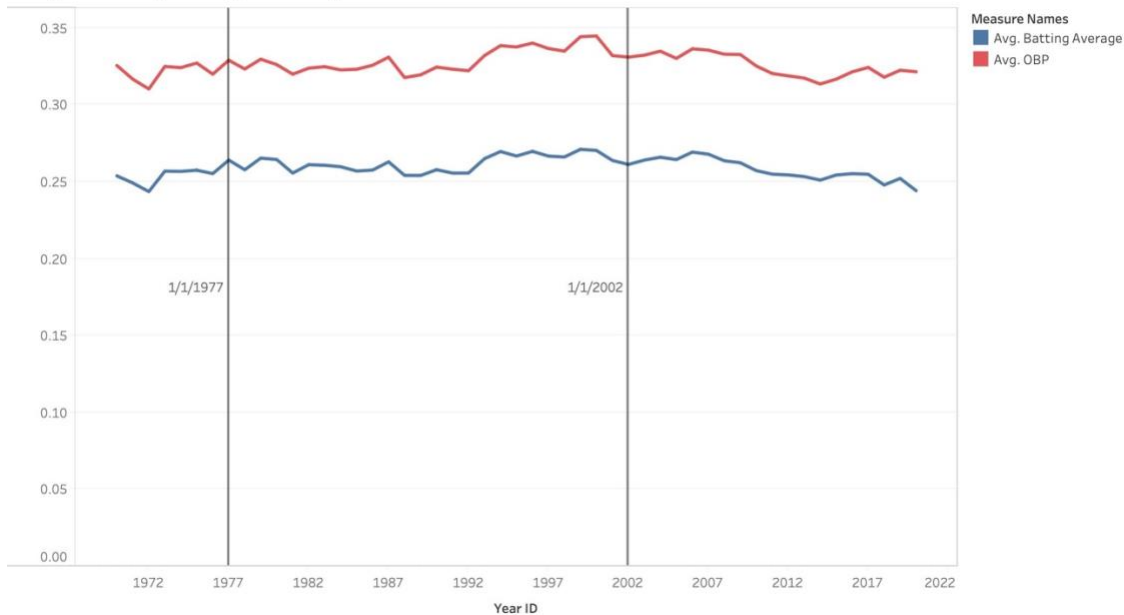


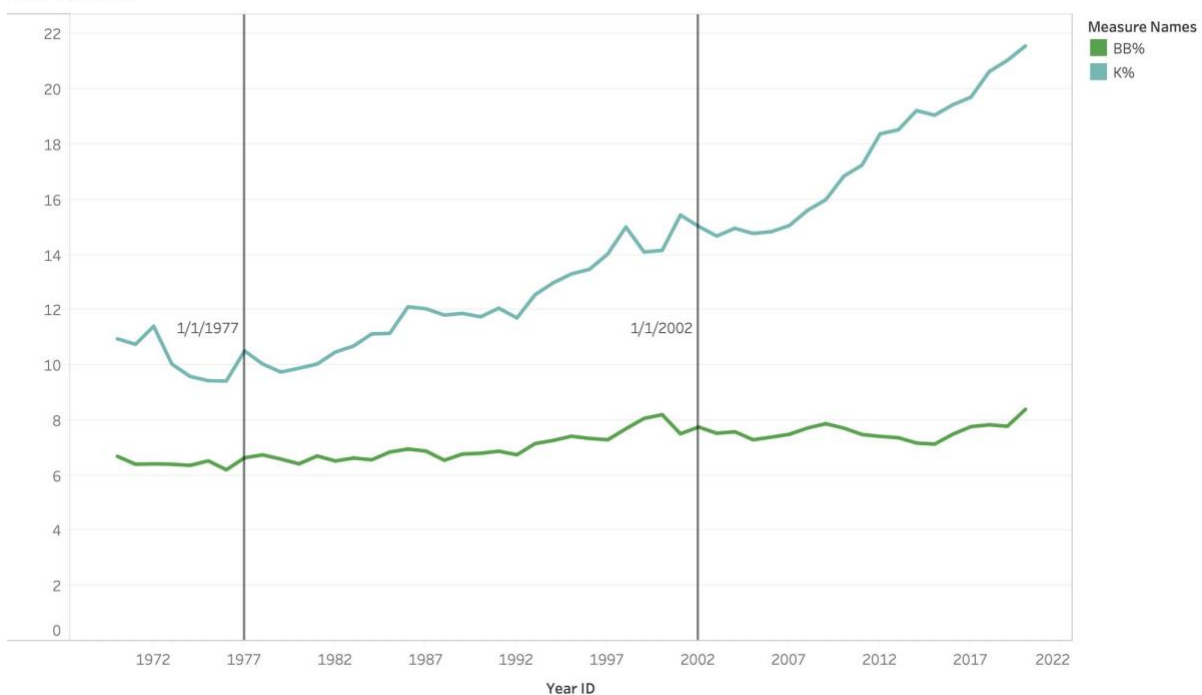
The following charts show league statistical trends from 1970-2020. The years 1977 and 2002 are marked off to indicate the years Bill James introduced his Baseball Abstract in 1977, which started the sabermetrics revolution in baseball, and the year the Oakland Athletics gained notoriety for their Moneyball tactics.

League Batting Average vs OBP per Year

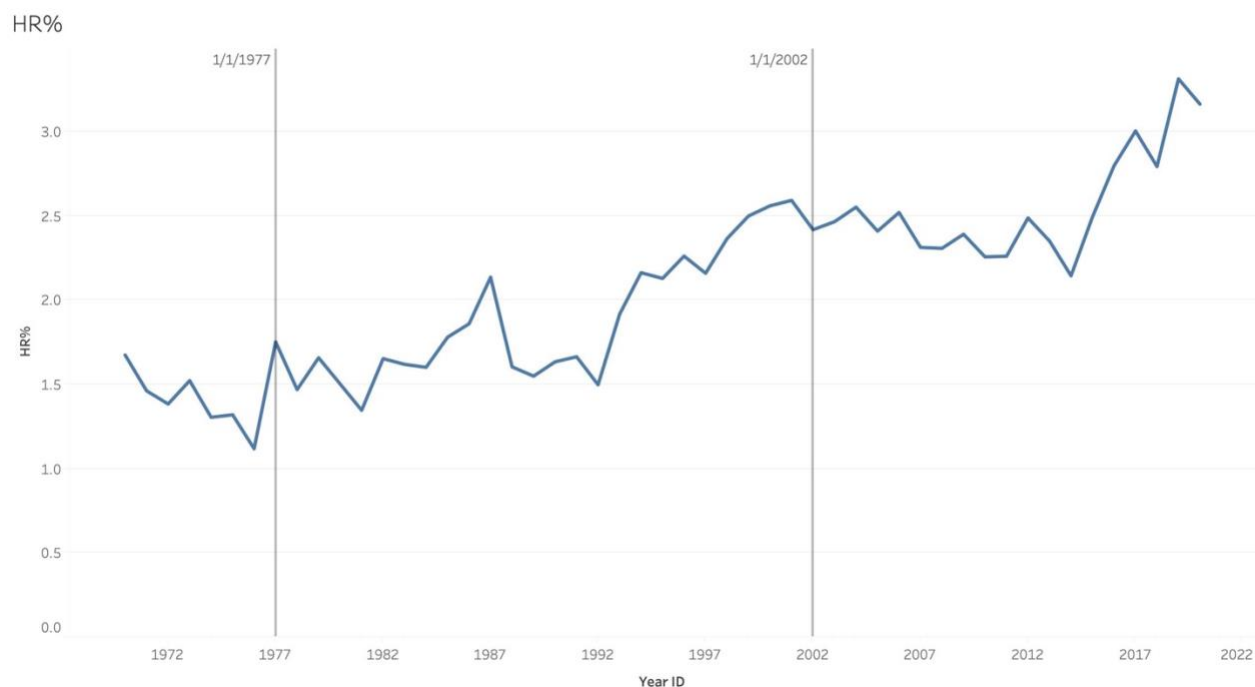


League batting average and on base percentage trends have not changed much in the past 50 years. There are some small up ticks in each in the years following 1977 and 2002, but the percentages have remained relatively stable over the years.

K% vs BB%

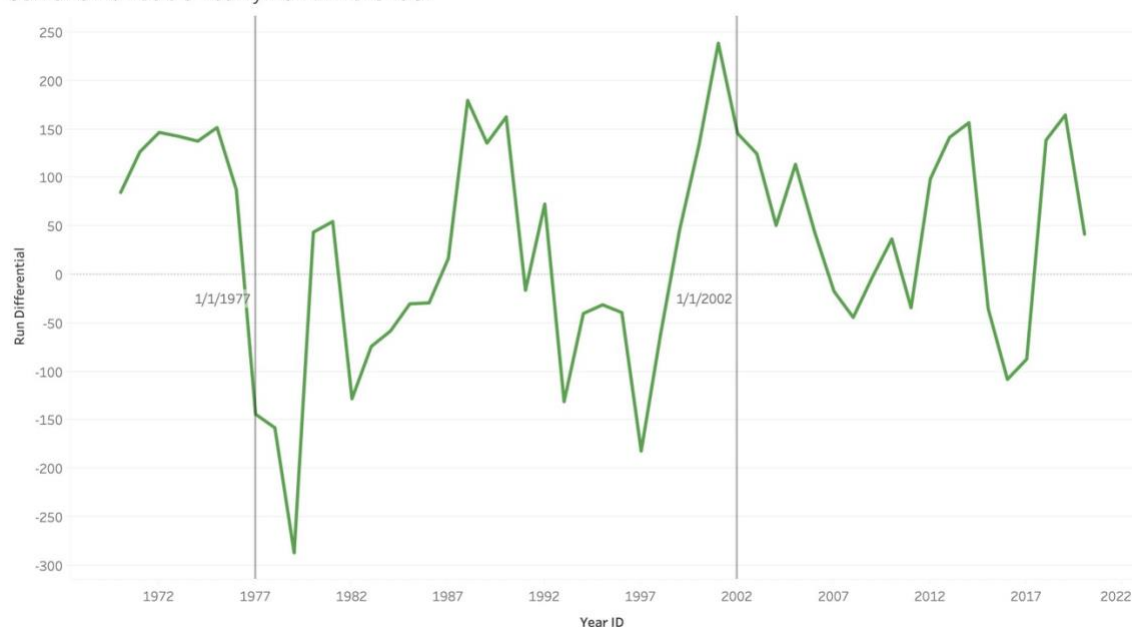


For league strikeout percentage (K%) and walk rate (BB%) there is a clear increase in K% following Bill James' Baseball Abstract and Moneyball. James spoke about the efficiency of committing to the 3 true outcomes in baseball (walk, strikeout, and homerun) and it is clear that K% has risen substantially.



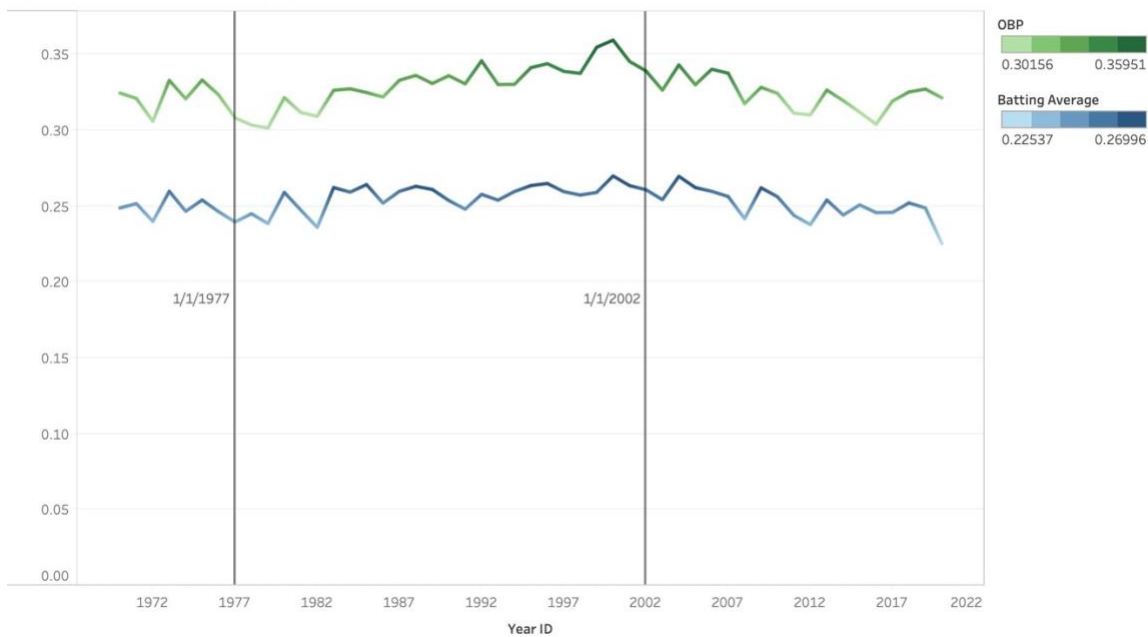
Home run rate (HR%) has steadily increased overall over the past 50 years. It rose steadily following Bill James's Baseball Abstract in 1977 and then began to slowly decrease following the Oakland A's Moneyball notoriety. The reasoning for this could be because the A's stressed the importance of putting the ball in play over hitting homeruns and the chart reflects that.

Oakland Athletic's Yearly Run Differential



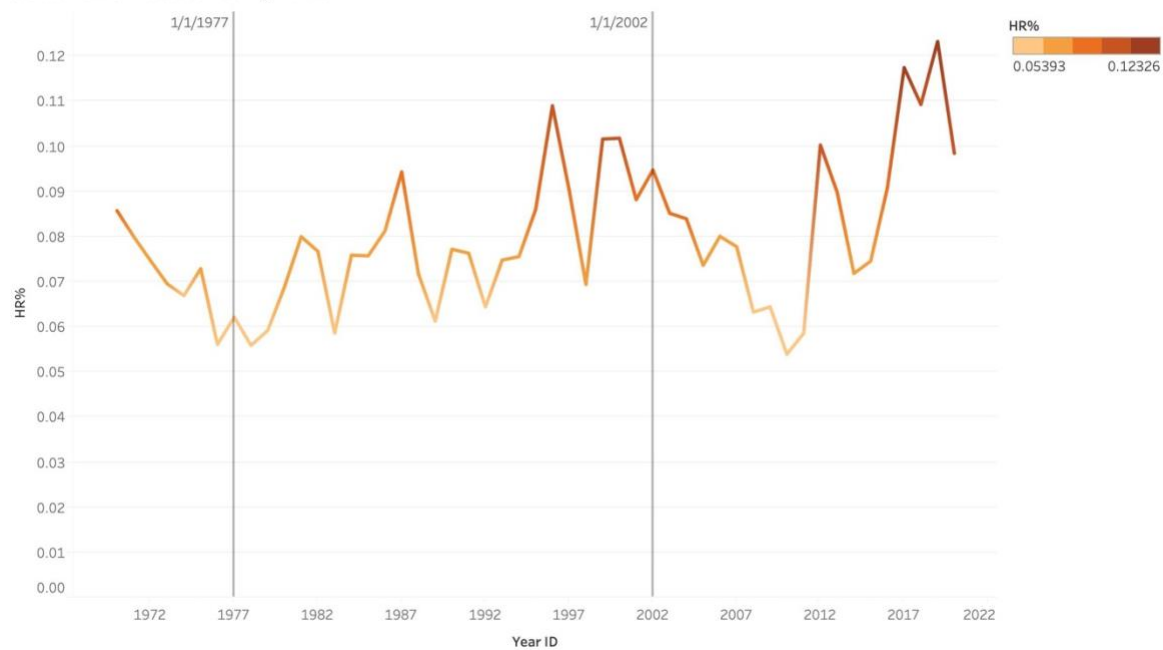
The above chart shows the Run Differential (Runs scored minus runs allowed) over the last 50 years for the A's.

Oakland Athletics's BA vs OBP



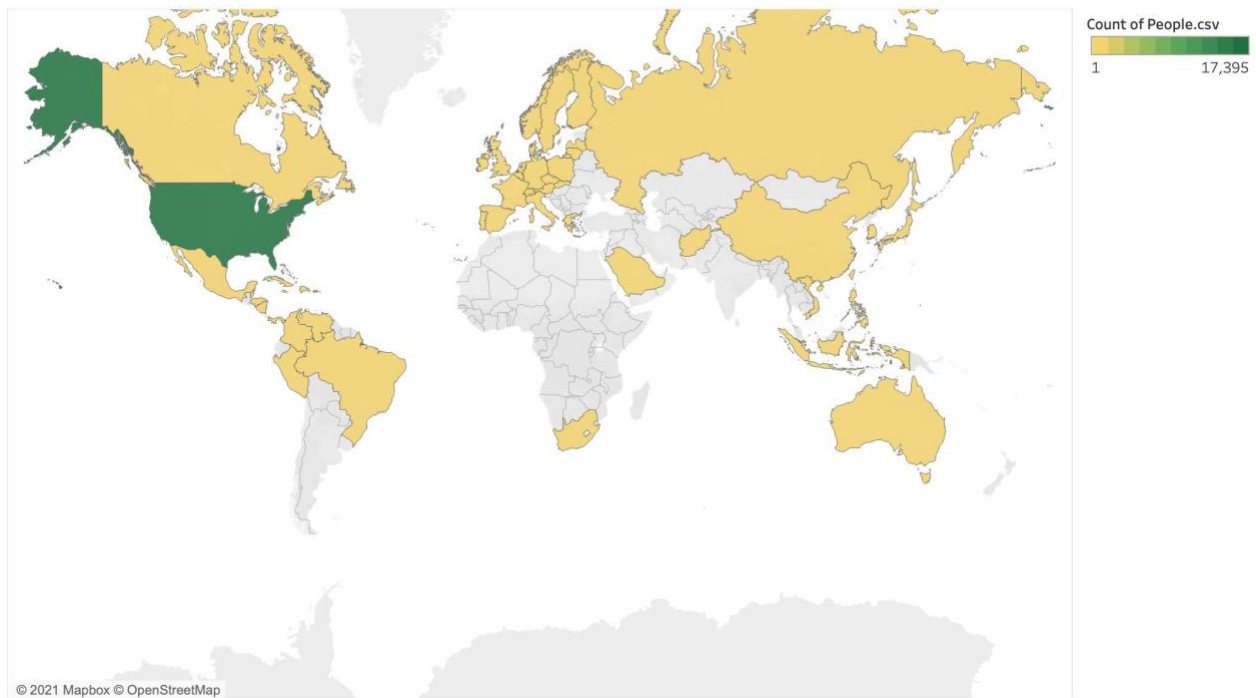
Much like the league trends for Batting Average and On Base Percentage, those rates haven't changed much over the last 50 years and have remained relatively stable. The team batting average has started to slowly decrease since their Moneyball era teams and On Base Percentage being dependent on batting average has decreased slightly as well.

Oakland Athletic's Yearly HR%



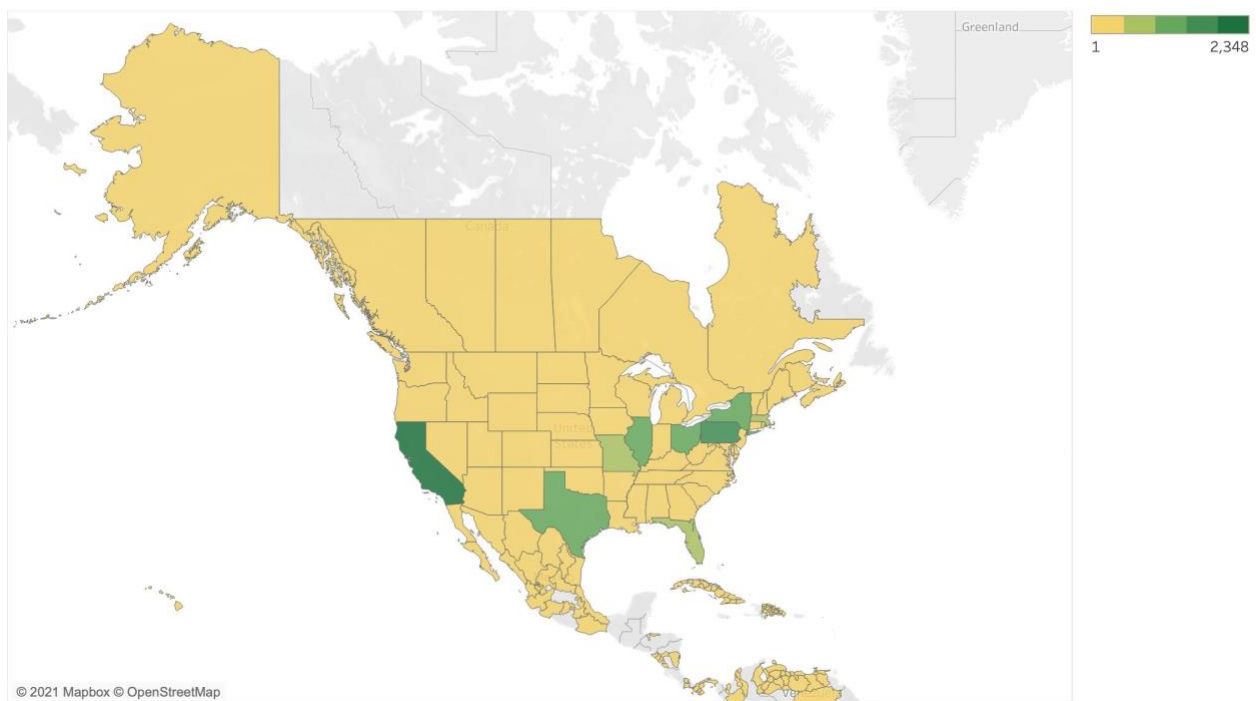
Following Bill James's Baseball Abstract, the A's steadily began to increase their HR% up until they began to implement their Moneyball strategy. Once they did so in 2002, there was a clear de-emphasis put on hitting homeruns for the next 10 or so years.

Player Demographics - Country



The above map shows the birthplace of every MLB player of all time. Due to factors like segregation and the league only beginning to be globalized over the past few decades, the number of players born in the United States dwarfs every other country.

Player Demographics - States



The North American map shows the birth state of every player in MLB history in North America. The states that produced the most players have been California, Pennsylvania, New York, Illinois, and Ohio.