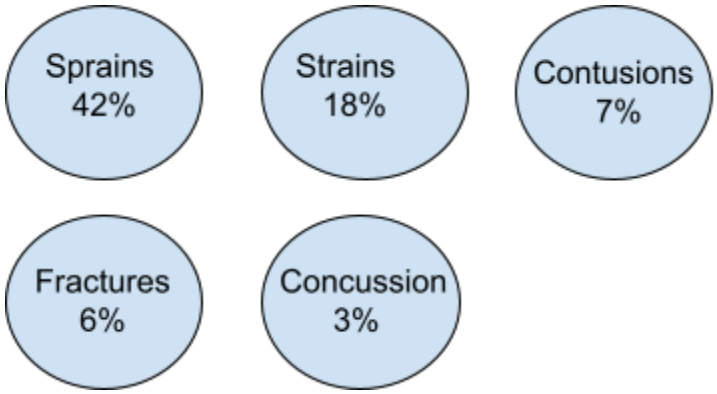
Data nutrition label

About

This dataset is a record of all of the reported injuries in the NBA from 2010 - 2017 combined with each players stats and demographics for each year the injury occurred

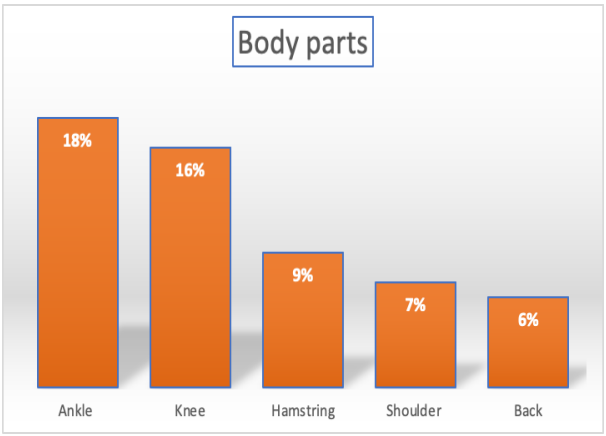
Data Collection Period: 2010-2017

Total injuries collected: 66,153



Data Nutrition Label
Dataset Name
Data Source
Data Collection Period
Sample Size
Common Reasons for Injuries

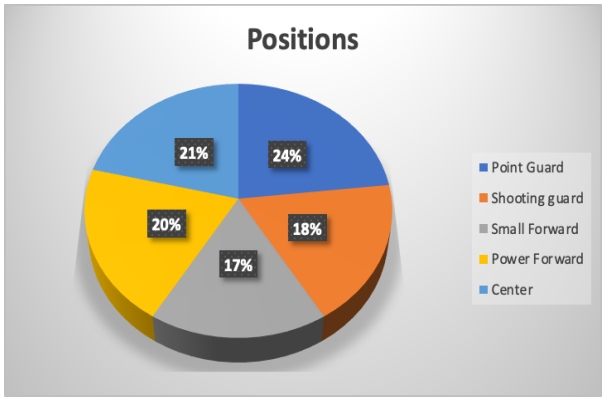
- **| Body Parts Most Affected by Injuries |**



- **|Total injuries by position|**

Point guards frequently participate in team play which means they are more likely to pass and drive to the basket, increasing their exposure to contact and risk of injury.

And they are also involved in a higher intensity motions, such as abrupt stops, starts, and direction changes, might strain their joints and raise the possibility of an injury



- **| Most Injury-Prone Players (by Games Missed) |**

Blake Griffin (164 games missed)

Anthony Davis (144 games missed)

Kevin Love (142 games missed)

Derrick Rose (138 games missed)

Joel Embiid (121 games missed)

- **| Most Common Time of Year for Injuries |**

January (14%)

February (14%)

March (14%)

December (13%)

April (12%)

- **| Injuries By Age |**

Total injuries collected: 66,153

Ages 19-29 : 47,490

Ages 30 and older: 18,663

Disclaimer: Out of the 4,762 players in the NBA from 2010-2017, 3,606 of them were between the ages 19-29 and 1,156 of them were between the ages 30 and older.

- **Players injuries impact on team performance**

Injuries frequently have an impact on the overall performance of the team, as well as the win-loss records with and without important players.

One great example would be in the 2020-2021 season Anthony Davis, who is regarded as one of the best players in the NBA, suffered a calf injury that caused him to miss several games during the playoffs. The Lakers had trouble replacing his output and were ousted in the opening round of the playoffs. Because of his position as a defining force on both ends of the court, Davis' absence had an especially significant effect. It was challenging for the Lakers to compete at the same level they were used to when he was on the field since they lost a crucial scoring option and a defensive anchor.

- **| Data Limitations |**

Limited to reported injuries, which may not capture all injuries that occur

Limited to NBA injuries, may not be generalizable to other sports or populations

Does not account for severity or impact of injuries on players' careers |

Note: Percentages are rounded to the nearest whole number.

- **| Use Cases |**

Potential real-world applications of the dataset

1. What makes a player vulnerable to injuries in the NBA?
2. Does a player's performance correlate with injuries in the NBA?
3. What are the most common types of injuries in the NBA?
4. How can we prevent injuries in the NBA?
5. How do injuries to key players impact their teams performance and chances of success in the playoffs?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