

Survivor

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0.1 Introduction

Survivor is an American reality television series that premiered on CBS on May 31, 2000. The show places a group of strangers in an isolated location, where they must fend for themselves by obtaining food, fire, and shelter. Contestants compete in various challenges—testing physical ability, mental acuity, and teamwork—to earn rewards and immunity from elimination. Periodically, players are voted out by their peers until only one remains, earning the title of “Sole Survivor” and a grand prize of \$1 million. The series is hosted by Jeff Probst and has been praised for its innovative format and influence on reality television.

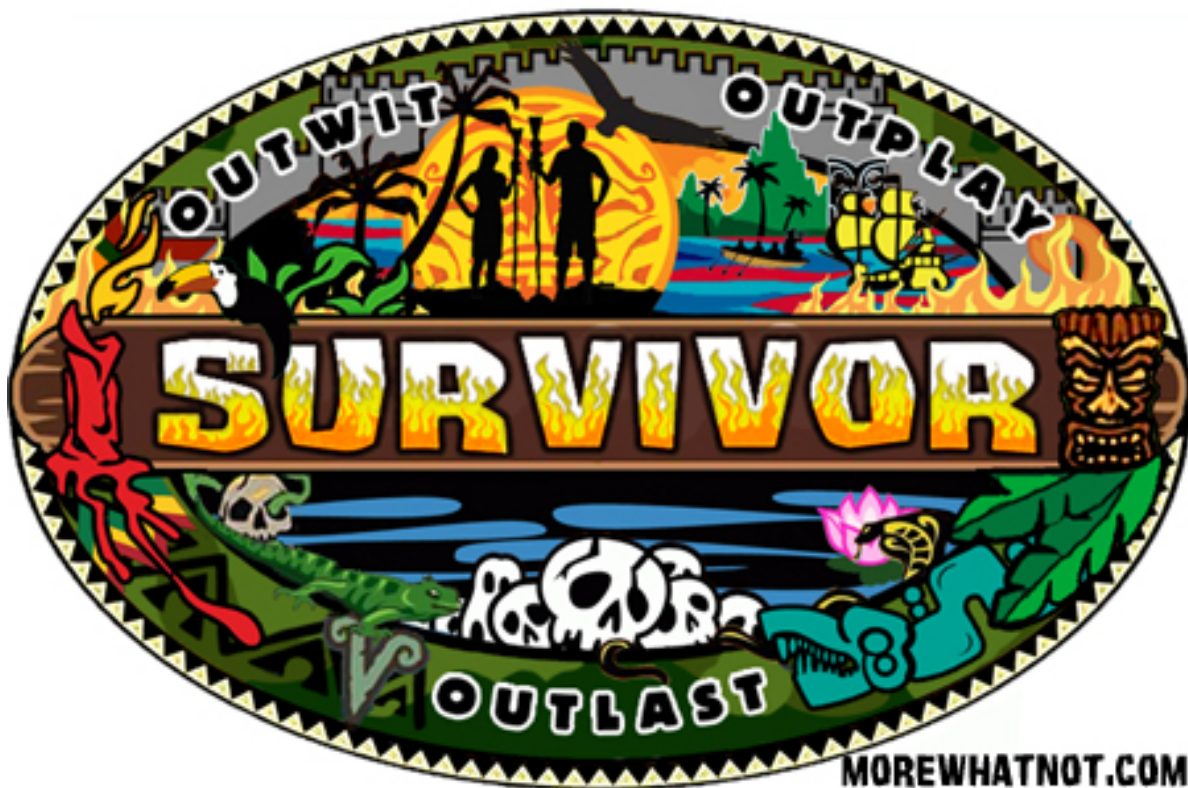


Figure 1: *Figure 1: Official logo of Survivor.*

0.2 Viewership Overview

Below is a summary of average U.S. viewership per season for *Survivor*, based on publicly available data from [Wikipedia](https://en.wikipedia.org/wiki/Season_1_of_Survivor).

Here's a summary table of average U.S. viewership:

Season	Premiere Date	Finale Date	Avg. Viewers (Millions)
1	May 31, 2000	August 23, 2000	28.30
2	Jan 28, 2001	May 3, 2001	29.80
20	Feb 11, 2010	May 16, 2010	12.60
40	Feb 12, 2020	May 13, 2020	6.68
45	Sep 27, 2023	Dec 20, 2023	5.24

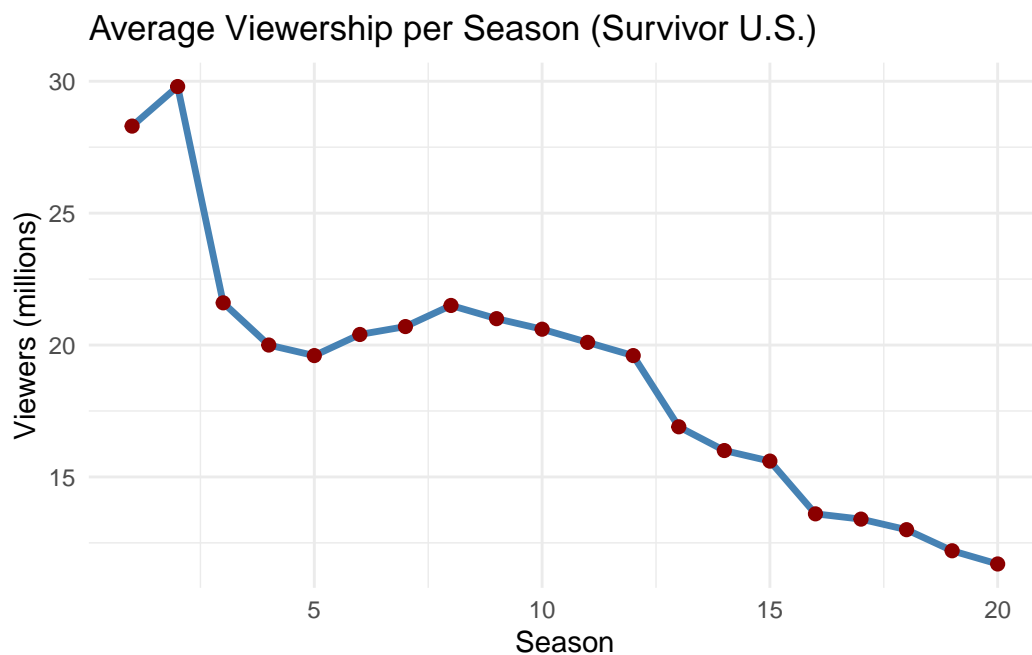
0.2.1 Viewership by Season

```
```{r}
library(ggplot2)

season <- 1:20
viewers <- c(28.3, 29.8, 21.6, 20.0, 19.6, 20.4, 20.7, 21.5, 21.0, 20.6, 20.1, 19.6, 16.9, 16.9, 16.9, 16.9, 16.9, 16.9, 16.9, 16.9)

df <- data.frame(season, viewers)

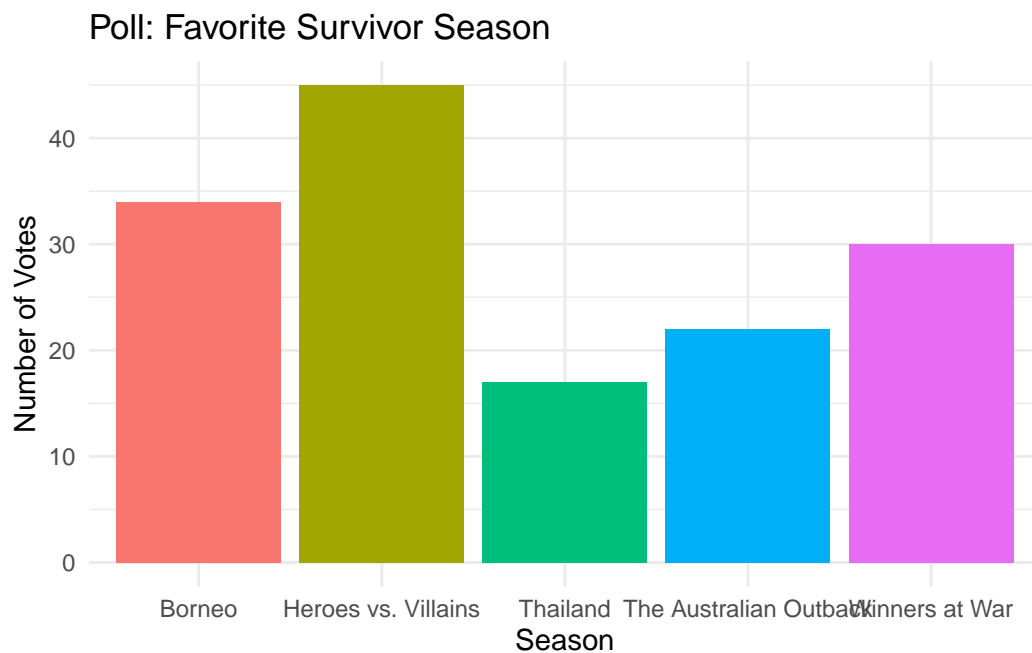
ggplot(df, aes(x = season, y = viewers)) +
 geom_line(color = "steelblue", size = 1.2) +
 geom_point(color = "darkred", size = 2) +
 labs(title = "Average Viewership per Season (Survivor U.S.)",
 x = "Season",
 y = "Viewers (millions)") +
 theme_minimal()
```
```



0.3 Favorite Season Poll

```
```{r}
favorite_season <- c("Borneo", "The Australian Outback", "Thailand", "Heroes vs. Villains", "Winners at War")
poll_data <- data.frame(Season = favorite_season, Votes = c(34, 22, 17, 45, 30))

ggplot(poll_data, aes(x = Season, y = Votes, fill = Season)) +
 geom_bar(stat = "identity", show.legend = FALSE) +
 labs(title = "Poll: Favorite Survivor Season",
 x = "Season",
 y = "Number of Votes") +
 theme_minimal()
```
```

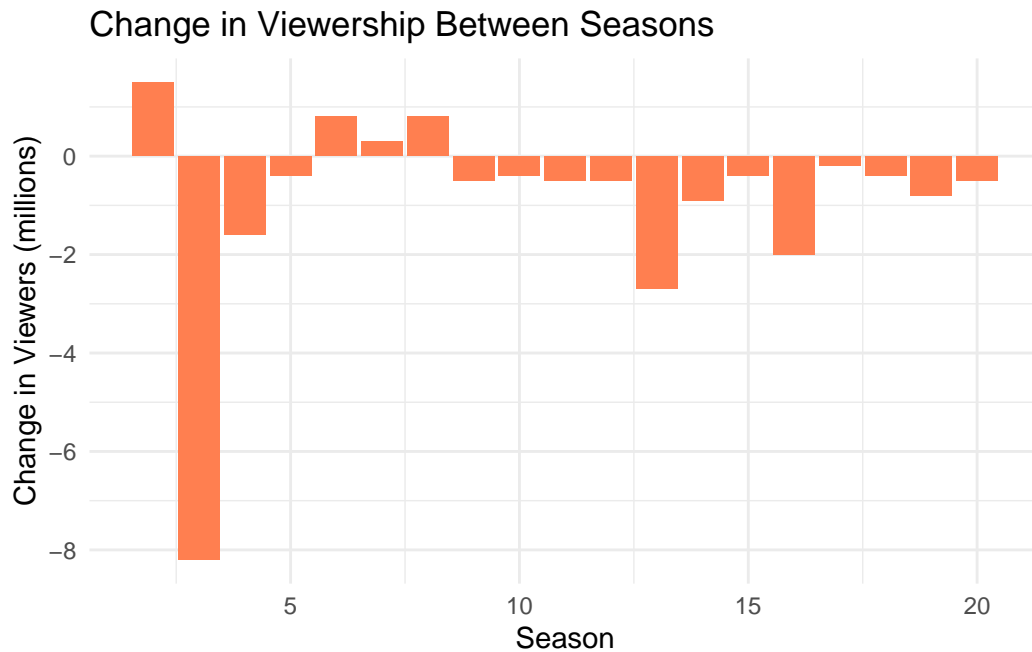


Season-to-Season Change

```
```{r}
Add viewership change
df$Change <- c(NA, diff(df$viewers))

Bar plot
```

```
ggplot(df[-1,], aes(x = season, y = Change)) +
 geom_bar(stat = "identity", fill = "coral") +
 labs(title = "Change in Viewership Between Seasons",
 x = "Season", y = "Change in Viewers (millions)") +
 theme_minimal()
` ``
```



### 0.3.1 Observations

- The peak viewership was in **Season 2** with 29.8 million viewers.
- Viewership dropped by over **23 million** by Season 45.
- The show has remained popular despite the decline, with loyal fans and consistent social media buzz.

## 0.4 Historical Milestones

- **The Birth of Survivor:** *Survivor* first debuted in 2000, revolutionizing reality TV with its unique format. The first season, *Survivor: Borneo*, became a cultural phenomenon.