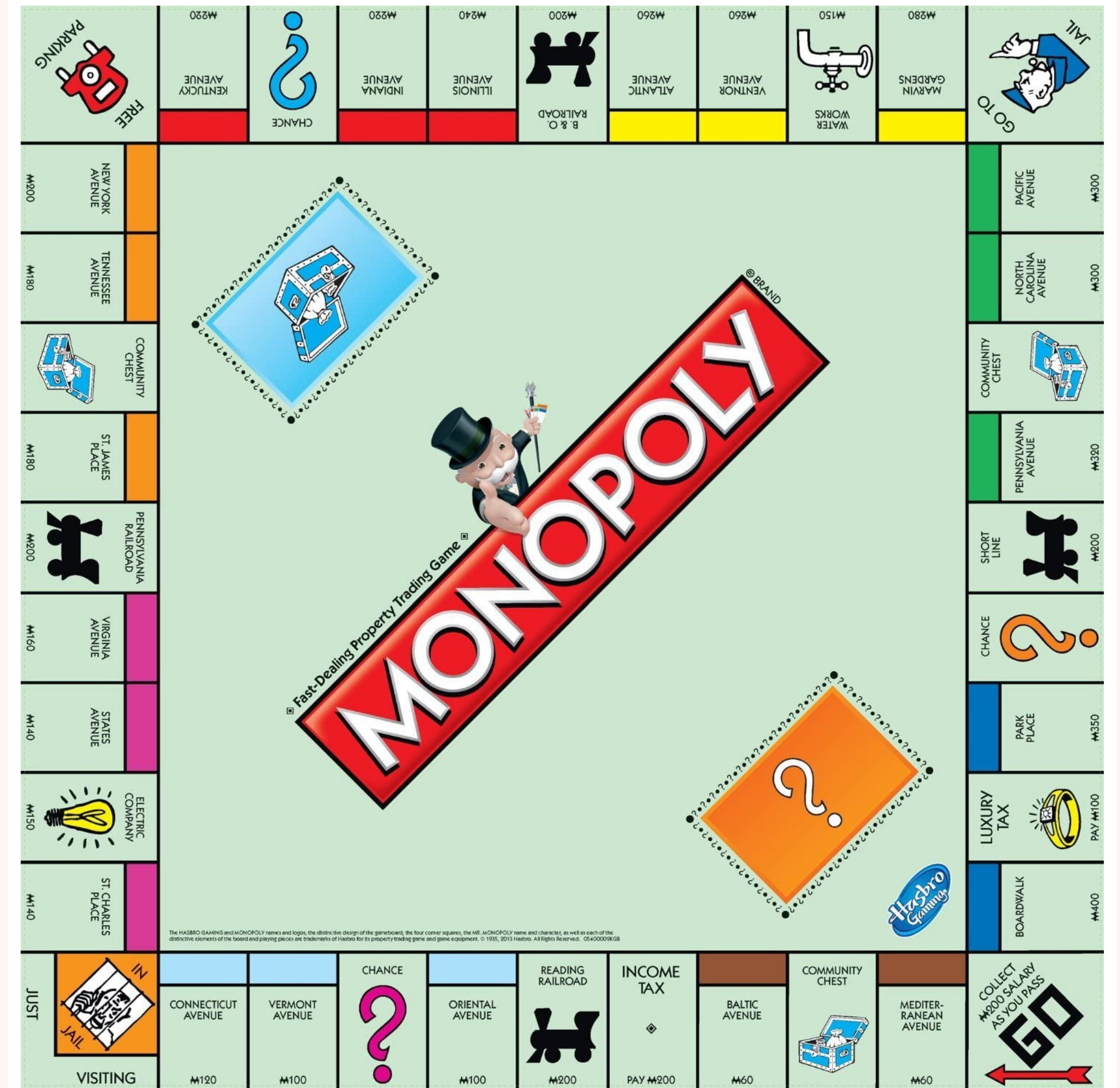An Analysis of "BoardGameGeek.com" Data

PLAY AGAIN?

REPLAYABILITY

> **What makes a board game replayable?**

> **Replayability = Average Plays**

> **Average Plays = Total Plays / Owners**

> **BoardGameGeek.com! Thank Goodness**

CHOSEN FEATURES

> **The Rank**

> **The Rating (1-10)**

> **Number of Voters**

> **Length of Game**

> **Difficulty (1-5)**

> **Minimum Age**

> **Number of Players***

* = Categorical Feature

PLAN OF ACTION

❯ **Scrape the main page for foundational info**

 ❯ **/browse/boardgame/page/#**

Board Game Rank ▲		Title	Geek Rating	Avg Rating	Num Voters
1		Gloomhaven (2017)	8.571	8.82	36262
2		Pandemic Legacy: Season 1 (2015)	8.471	8.62	37850

Board Game Rank ▲		Title	Geek Rating	Avg Rating	Num Voters	Shop
1		Gloomhaven (2017)	8.571	8.82	36262	List: $140.00 New Amazon: **$112.99** 🚚 [Shop]
2		Pandemic Legacy: Season 1 (2015)	8.471	8.62	37850	List: $79.99 New Amazon: **$71.99** 🚚 [Shop]
3		Brass: Birmingham (2018)	8.290	8.64	13800	New Amazon: **$149.99** [Shop]
4		Terraforming Mars (2016)	8.280	8.43	56145	List: $69.95 New Amazon: **$41.99** 🚚 [Shop]
5		Through the Ages: A New Story of Civilization (2015)	8.215	8.46	20681	List: $69.95 New Amazon: **$51.88** 🚚 [Shop]

PLAN OF ACTION

Scrape the main page for foundational info

> **/browse/boardgame/page/#**

Scrape the Board Game stats page for details

> **/boardgame/*ID#*/*BG_Name*/stats**

Board Game Rank ▲		Title	Geek Rating	Avg Rating	Num Voters
1		Gloomhaven (2017)	8.571	8.82	36262
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8.8 **Gloomhaven** (2017)

Immerse yourself in a fantasy campaign of creatures and puzzly card-dri
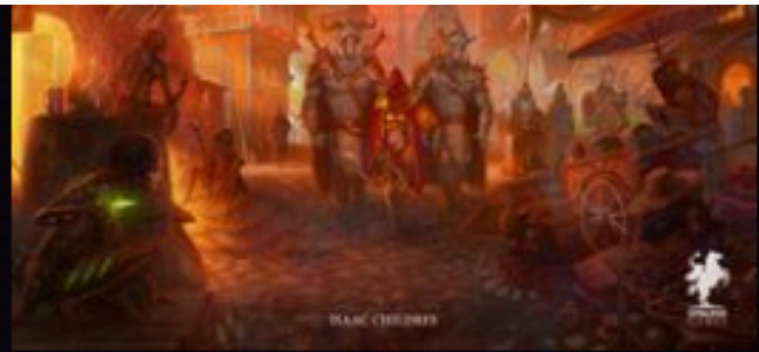
36K Ratings & 6.8K Comments · GeekBuddy Analysis

1–4 Players
Community: 1–4 — Best: 3

60–120 Min
Playing Time

Age: 14+
Community: 14+

Weight: 3
'Complexity'

8.8

Gloomhaven (2017)

Immerse yourself in a fantasy campaign of creatures and puzzly card-driven gameplay. ✏

36K Ratings & 6.8K Comments · GeekBuddy Analysis

1–4 Players	**60–120 Min**	**Age: 14+**	**Weight: 3.84 / 5**
Community: 1–4 — Best: 3	Playing Time	Community: 14+	'Complexity' Rating ⓘ

Designer: Isaac Childres

Artist: Alexandr Elichev, Josh T. McDowell, Alvaro Nebot

Publisher: Cephalofair Games + 9 more

See Full Credits

My rating ★★★★★★★★★★

🛒 Buy a Copy | ☰ Add To Collection | Log Play | ♥ 6.4K | Subscribe ▾

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Stats

GAME STATS

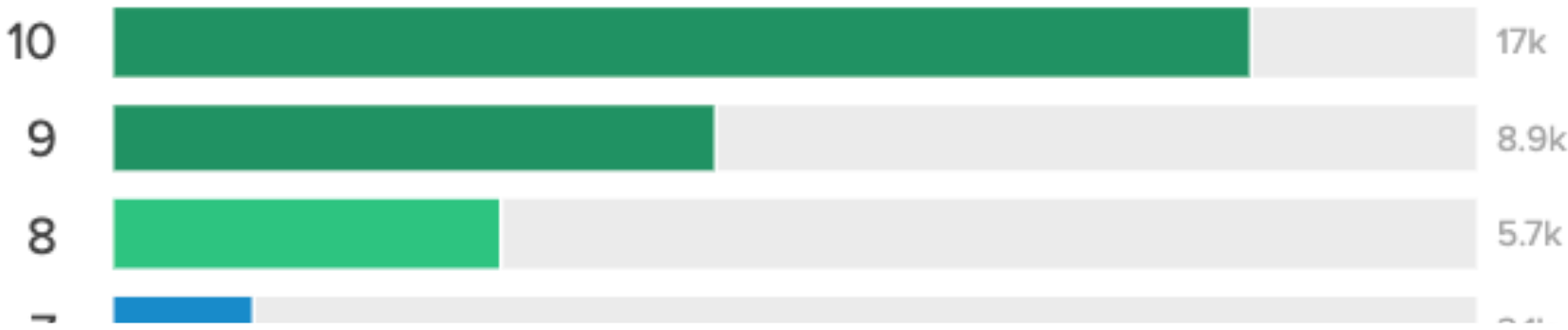|	
Avg. Rating	8.824
No. of Ratings	36,262
Std. Deviation	1.61

PLAY STATS

All Time Plays	288,713
This Month	3,535

COLLECTION STATS

RATINGS BREAKDOWN

10	17k
9	8.9k
8	5.7k
7	

KEY FEATURES

> **3rd Place: The Rating!?**

> **2nd Place: Difficulty**

> **1st Place: Time!**

FINAL THOUGHTS...

> Quick & Simple!

> Trade off for Memorability?

> "Replayable" not the same as "Good"

> TicTacToe not winning any awards

WHAT ELSE?

> Intimidation Factor!

> Theme

> Weight of the Box   (Amazon)

> Pages in the Rule Book   (N/A)

> Number of Components   (N/A)

QUESTIONS?

Play Again?

APPENDIX A

mean = 2.3

mode = 1.8

Distribution of Average Plays