

# Finding the Best TV Show of all time

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# Inspiration

RANKING THE BEST TV SHOWS OF ALL TIME																
RANK	TV SHOW	IMDb					Rotten Tomatoes					Metacritic				
		OVERALL	USERS	CRITICS	VIEWERS	IMDb	USERS	CRITICS	VIEWERS	IMDb	USERS	CRITICS	VIEWERS			
1	Breaking Bad '06	9.32	95	96	97	87	93	89	89	100	100	100	91			
2	Game of Thrones '11	8.85	92	88	81	86	76	84	85	99	98	85	100			
3	Chernobyl '19	8.60	94	95	97	82	90	86	90	93	98	84	37			
4	The Sopranos '99	8.50	92	92	96	94	91	86	87	95	98	85	19			
5	Band of Brothers '01	8.48	94	97	96	87	84	85	89	96	97	85	22			
6	The Wire '02	8.47	93	94	96	91	87	85	89	95	97	83	16			
7	Better Call Saul '15	8.41	89	98	96	86	93	86	81	94	97	79	26			
8	Stranger Things '16	8.37	87	92	90	74	84	86	82	93	97	78	57			
9	Sherlock '10	8.32	91	78	82	88	88	85	86	97	96	80	44			
10	Peaky Blinders '13	8.22	88	93	93	77	87	85	83	94	97	81	27			
11	The Twilight Zone '59	8.15	91	91	95	90	93	85	83	89	96	80	4			
12	Fleabag '16	8.11	87	100	93	92	82	83	86	90	93	78	6			
13	Fargo '14	8.10	89	93	84	85	86	83	83	93	95	82	18			
14	House '04	8.08	87	90	96	75	90	86	77	94	96	76	22			
15	Friends '94	8.07	89	79	93	65	82	85	73	96	96	82	47			
16	Dark '17	8.05	87	95	94	72	89	84	82	93	95	76	19			
17	The Office '05	8.05	90	81	89	64	89	86	83	95	97	80	29			
18	Succession '18	8.05	88	95	89	85	82	90	85	90	94	79	6			
19	Battlestar Galactica '04	8.04	87	95	94	89	91	82	76	91	93	79	8			
20	Freaks and Geeks '99	8.03	88	100	96	88	81	81	81	90	92	79	7			
21	Mad Men '07	8.02	87	94	96	86	86	81	78	92	92	79	1			
22	Narcos '15	8.02	88	89	95	77	88	80	80	93	93	79	20			
23	Mindhunter '17	8.01	86	97	95	80	87	81	84	88	91	78	14			
24	Mr. Robot '15	8.00	85	94	93	80	91	82	78	93	92	74	18			
25	Black Mirror '11	8.00	88	84	84	76	85	83	84	94	94	82	26			
26	Heartstopper '22	7.99	87	100	96	85	89	86	82	81	95	75	3			
27	Severance '22	7.98	87	97	84	83	86	84	89	89	93	79	7			
28	It's Always Sunny in Philadelphia '05	7.98	88	94	92	71	95	83	83	92	94	75	11			
29	The Boys '19	7.95	87	93	83	77	74	85	87	93	93	77	25			
30	Seinfeld '89	7.94	89	89	92	84	88	83	74	93	95	71	15			
31	Peep Show '03	7.94	87	96	93	88	90	80	79	88	91	78	3			
32	The Last of Us '23	7.94	89	96	89	84	86	88	90	85	100	78	18			
33	When They See Us '19	7.93	89	97	90	86	82	86	86	82	93	79	6			
34	The Mandalorian '19	7.92	87	91	78	71	83	85	83	93	97	77	25			
35	Lost '04	7.91	83	85	90	84	88	80	71	93	91	79	26			
36	Line of Duty '12	7.91	87	96	94	86	88	83	76	87	93	77	3			
37	Deadwood '04	7.90	86	92	95	85	90	81	79	87	91	78	5			
38	Mare of Easttown '21	7.90	84	95	94	81	85	83	84	87	91	77	8			
39	Hannibal '13	7.89	85	92	94	77	89	82	79	92	92	74	12			
40	The Bear '22	7.89	84	100	91	88	88	82	84	81	91	75	4			
41	Boardwalk Empire '10	7.89	86	92	95	83	86	80	76	91	91	79	9			
42	Atlanta '16	7.89	86	98	84	92	84	80	85	88	90	77	4			
43	Vikings '13	7.89	85	93	88	74	83	81	77	93	93	75	25			
44	Twin Peaks '90	7.89	88	77	92	83	88	83	77	93	94	79	9			
45	The Shield '02	7.88	87	90	95	89	89	81	73	89	92	79	4			
46	Happy Valley '14	7.88	85	98	94	86	91	78	78	86	80	77	3			
47	True Detective '14	7.88	89	75	75	73	87	83	83	94	94	85	27			
48	The Haunting of Hill House '18	7.87	86	93	91	79	85	81	82	91	91	75	12			
49	The Americans '13	7.87	84	96	94	89	89	79	77	89	90	74	5			
50	Justified '10	7.86	86	97	94	86	91	80	76	89	91	70	5			

Ratings as of April, 2023 | VB Ratings [Rankings](#)

## Three Problems:

1. It doesn't include any animated TV Shows
2. It includes data from unreliable sources (imdb votes?)
3. It doesn't account for the popularity of each website

# Create an initial list:

1. IMDB- Overall best website



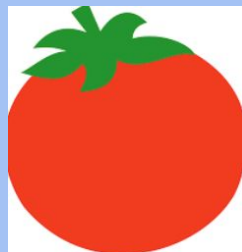
2. Film Affinity- Other solid website with high userbase

3. Metacritic- Critic score, downside is no anime

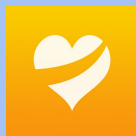


# Add After

1. Rotten Tomatoes (Critic and User)



2. Taste



3. ReelGood



4. The Movie DB (TMDB)



5. JustWatch



6. MyAnimeList (MAL)

# The Case for MAL



1. Balances out websites with no anime
2. Very high number of users
  - a. Hunter x Hunter: 178K votes on other websites, 1.8 million on MAL

# Initial List- Top 5

1. Planet Earth II (9.30)
2. The Wire (9.07)
3. The Sopranos (9.03)
4. Breaking Bad (9.00)
5. Band of Brothers (8.87)

# Method 1- Average rating from all websites

Top 5:

1. Breaking Bad (9.31)

Breaking bad and  
Chernobyl move up.

2. The Wire (9.22)

3. Band of Brothers (9.19)

Planet Earth II and Frozen  
Planet move down.

4. The Sopranos (9.18)

5. Chernobyl (9.18)



# Method 2- Average score from all users

Ex. If website A has a rating of 9.0 and 100 votes it would get a “score” of 90. If website B had 200 votes and a rating of 8.0 it would get a score of 160. Final rating would be  $((90 + 160) / (100 + 200)) * 10 = 8.3$

## Top 5:

1. Breaking Bad (9.46)
2. Planet Earth II (9.33)
3. Band of Brothers (9.31)
4. Chernobyl (9.28)
5. Frieren: Beyond Journey's End (9.27)

The Wire and The Sopranos move out of the top 5.

Planet Earth II is back and Frieren joins

# Method 3- Use a weighted score for each website

## My Weights (based off website popularity)

2.5x - IMDB and MAL

1.25x - Tomato\_Critic, Taste, JustWatch, Film Affinity, Metacritic

1.0x - TMDb, ReelGood, Tomato\_User

### Top 5:

1. Breaking Bad (9.32)
2. The Wire (9.23)
3. Band of Brothers (9.20)
4. The Sopranos (9.17)
5. Chernobyl (9.17)

Same top 5 as the first list

Ratings are different

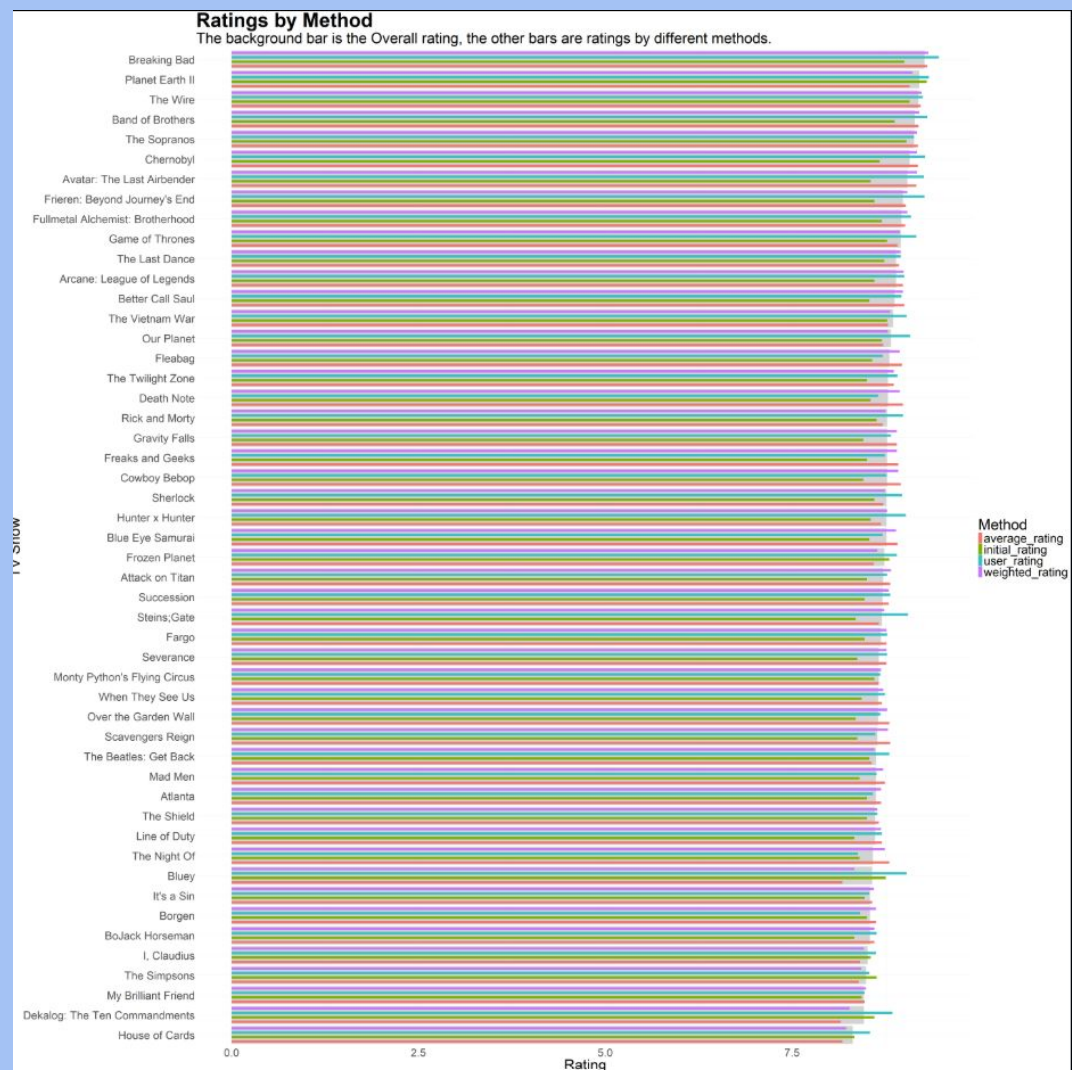
# Full top 50 list- Top 25

Title	initial_rating	average_rating	user_rating	weighted_rating	Overall_Rating
Breaking Bad	9.00	9.31	9.46	9.32	9.27
Planet Earth II	9.30	9.07	9.33	9.11	9.20
The Wire	9.07	9.22	9.25	9.23	9.19
Band of Brothers	8.87	9.19	9.31	9.20	9.14
The Sopranos	9.03	9.18	9.13	9.17	9.13
Chernobyl	8.67	9.18	9.28	9.17	9.07
Avatar: The Last Airbender	8.55	9.16	9.26	9.17	9.04
Frieren: Beyond Journey's End	8.60	9.02	9.27	9.04	8.98
Fullmetal Alchemist: Brotherhood	8.70	9.01	9.09	9.04	8.96
Game of Thrones	8.77	8.91	9.16	8.94	8.95
Arcane: League of Legends	8.60	8.98	9.00	8.99	8.89
The Last Dance	8.73	8.93	8.95	8.95	8.89
Better Call Saul	8.53	9.00	8.96	8.98	8.87
The Vietnam War	8.77	8.78	9.03	8.81	8.85
Our Planet	8.70	8.72	9.08	8.78	8.82
Fleabag	8.57	8.97	8.71	8.94	8.80
Death Note	8.55	8.98	8.65	8.94	8.78
The Twilight Zone	8.50	8.86	8.91	8.86	8.78
Cowboy Bebop	8.45	8.95	8.76	8.92	8.77
Freaks and Geeks	8.50	8.92	8.74	8.90	8.77
Gravity Falls	8.45	8.90	8.82	8.90	8.77
Rick and Morty	8.63	8.71	8.98	8.75	8.77
Blue Eye Samurai	8.53	8.91	8.71	8.89	8.76
Sherlock	8.60	8.72	8.97	8.74	8.76
Hunter x Hunter	8.55	8.69	9.02	8.77	8.76

# Top 50- Bottom 25

Frozen Planet	8.80	8.59	8.90	8.64	8.73
Attack on Titan	8.50	8.81	8.77	8.82	8.72
Succession	8.47	8.79	8.81	8.79	8.71
Steins;Gate	8.35	8.66	9.05	8.73	8.70
Fargo	8.47	8.76	8.77	8.76	8.69
Severance	8.37	8.76	8.77	8.76	8.66
Monty Python's Flying Circus	8.60	8.66	8.68	8.69	8.66
Over the Garden Wall	8.35	8.80	8.68	8.77	8.65
When They See Us	8.43	8.70	8.74	8.72	8.65
Scavengers Reign	8.37	8.81	8.61	8.78	8.64
Mad Men	8.40	8.74	8.63	8.72	8.62
Atlanta	8.50	8.69	8.58	8.69	8.62
The Beatles: Get Back	8.53	8.56	8.80	8.60	8.62
Line of Duty	8.33	8.70	8.70	8.69	8.61
The Shield	8.50	8.66	8.64	8.64	8.61
The Night Of	8.40	8.80	8.38	8.74	8.58
Bluey	8.75	8.17	9.03	8.33	8.57
Borgen	8.50	8.62	8.41	8.62	8.54
BoJack Horseman	8.33	8.60	8.63	8.60	8.54
It's a Sin	8.47	8.57	8.53	8.59	8.54
I, Claudius	8.55	8.41	8.62	8.46	8.51
The Simpsons	8.63	8.39	8.53	8.42	8.49
My Brilliant Friend	8.43	8.47	8.47	8.49	8.46
Dekalog: The Ten Commandments	8.60	8.15	8.84	8.27	8.46
House of Cards	8.33	8.17	8.54	8.22	8.31

# Graph



# Conclusions-

## Some Flaws:

- Bias of online users
  - M\*A\*S\*H (most watched TV finale of all time, not on list)
- Long running shows
  - Simpsons (peak they would be very high, here they are low)

Overall Still a good list

