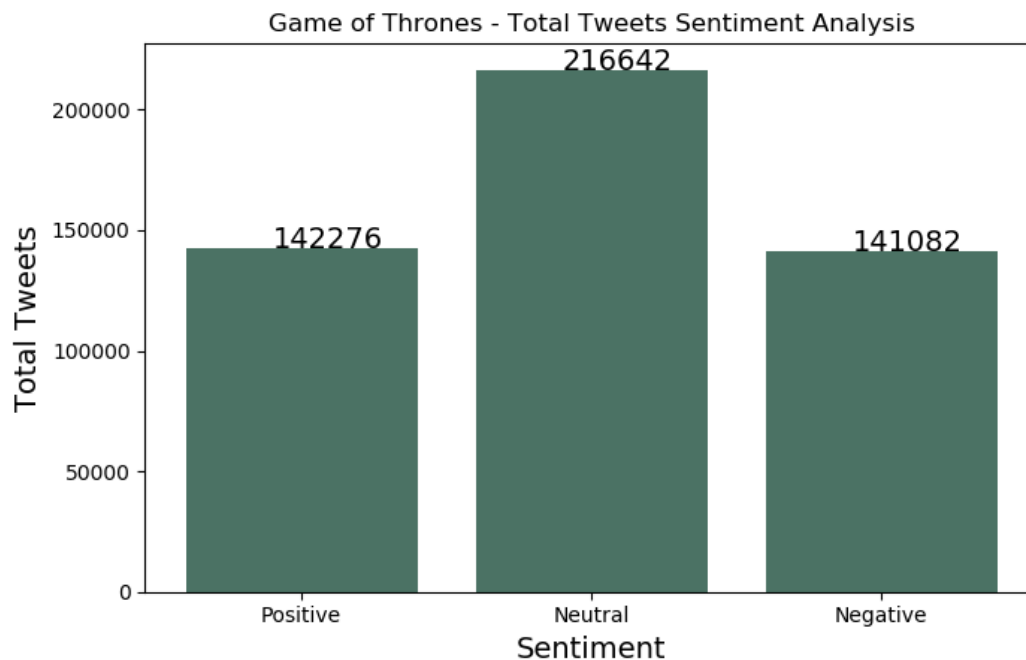
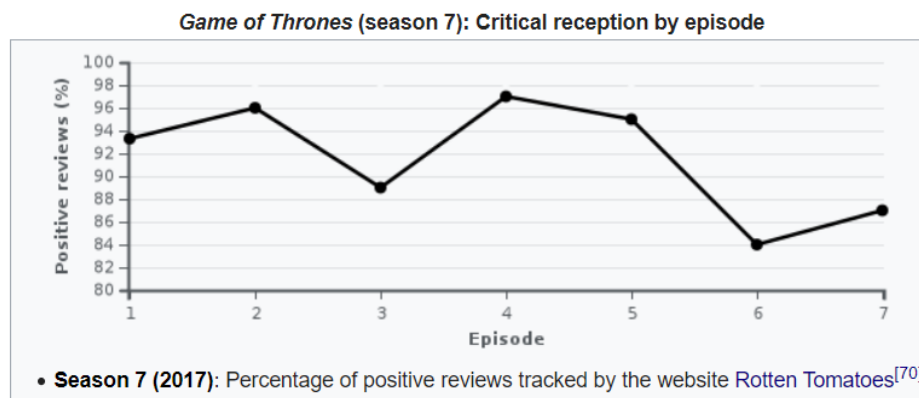


The following is a sentiment analysis done on 500,000 tweets about the "Game of Thrones" TV series, gathered between 15/08/2017 - 24/08/2017. Between these dates, the series was in its seventh season, when the 5th episode aired on 13/08/2017, the 6th episode aired on 20/08/2017, and the last episode of the season aired on 27/08/2017.

The following graph shows the distributions of emotions as expressed through the gathered tweets:



Quite surprisingly, the positive and negative tweets are almost identical in quantity, in contrast to the fact that season 7 has a [very high score in rotten tomatoes - 93%](#) and in general, the series is highly appreciated and loved by viewers. To find out the reason for the contrast between the love for the series and the seemingly controversial emotions in the data set, I came across the following graph from [the Wikipedia entry about season 7](#):



The graph shows that between Episode 5 and 6 (the period relevant to the tweets), there was a drop in the score of Episode 6 (84%) compared to Episode 5(95%)

On the review page of Episode 6 on the rotten tomatoes website, the following concise review was written:

---

*"Beyond The Wall" delivered the epic battles and plot twists that are expected from the penultimate episode of a Game of Thrones season -- **although sometimes in ways that defied logic**".*

---

In other words, according to the critics, Episode 6 has often been criticized as "irrational", and this is reflected in tweets and is probably the reason for the divisive emotions in the dataset. for example, tweet number 388099:

---

*"Review: Game of Thrones s07e06 didn't make a lick of sense and I loved every second <https://t.co/VeCYVXCWdk>"*

---

In addition, it can be seen that about 50 percent of the tweets are neutral. Example of a classic neutral tweet (Tweet # 1523):

---

*"LIVE in 10 with some Game Of Thrones. <https://t.co/fS4drLfSkt>"*

---

Or tweet #:1608

---

*"finally watching last night's episode!! how I avoided the spoilers I am so proud lol.. [u2014](https://t.co/2014) watching Game of Thrones season 7"*

---

A fair amount of the tweets are in this style: people who just announced that they are going to watch a new episode, a rerun, or binge the entire series.

The following is a word cloud produced from the data set:



The most prominent words are related to the name of the series, and the characters in it ("jon", "daenerys"). The word "watch" also occupies a respectable volume and is associated with the high percentage of neutral tweets in which people announce that they are about to watch the show. The word "finale" appears here as well, and informs that episode 7, the season finale, is about to be aired real soon.

The word "leak" is also prominent. A brief Google search revealed that Mumbai police have arrested four suspects who have been [accused of leaking episodes from season 7 of the series](#).

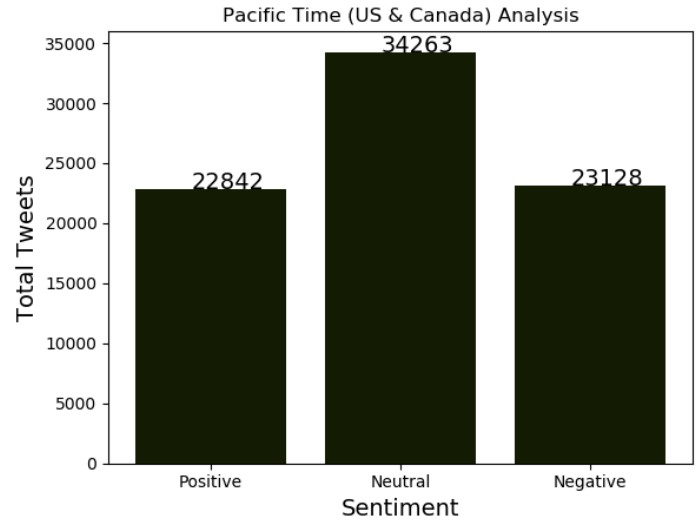
### Tweet findings for the three most "tweeting" places

The three places that got the most tweets are not surprisingly from the United States:

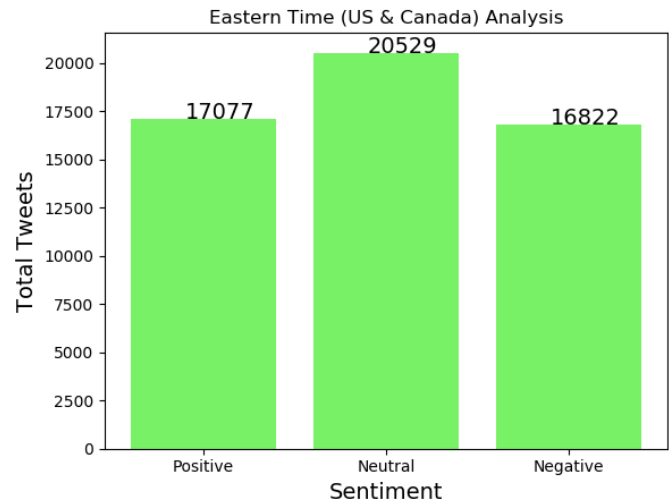
1. Pacific Time (US & Canada) - West Coast U.S. States - 80,233 tweets.
2. Eastern Time (US & Canada) - Eastern United States - 54,428 tweets.
3. Central Time (US & Canada) - Central American countries - 31,924 tweets.

A total of 166,585 tweets out of 500,000 tweets, exactly 33% of all tweets.

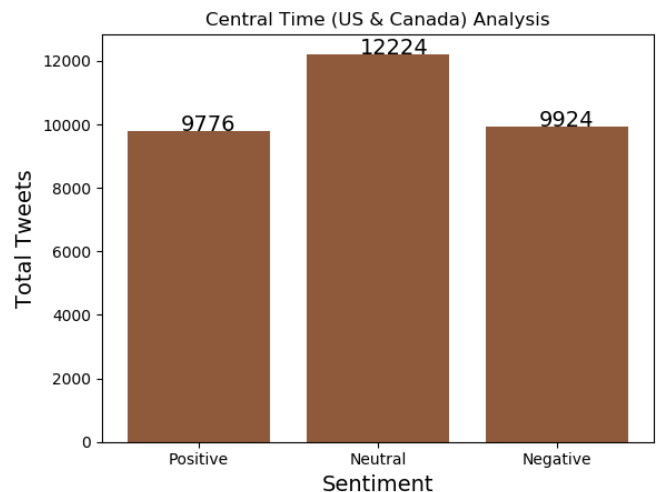
Let's look at the first place - Countries from the west coast of the United States -



## Results from states of Eastern America:



## Results from states of Central America:



In total, the findings from these three locations are similar to each other and are consistent with the findings from all the tweets: An almost equal distribution between the positive and negative tweets, with about half of the tweets being neutral.