
Executive Summary

FDIC Summary of Deposits

Overview

This report explains the FDIC Summary of Deposits by County and State. This report includes the analysis of the hurricane effect on the banks located in the United States.

Credibility of the data:

The source for the data in these dashboards that we used to collect the FDIC summary of deposits data and construct the dashboard is:

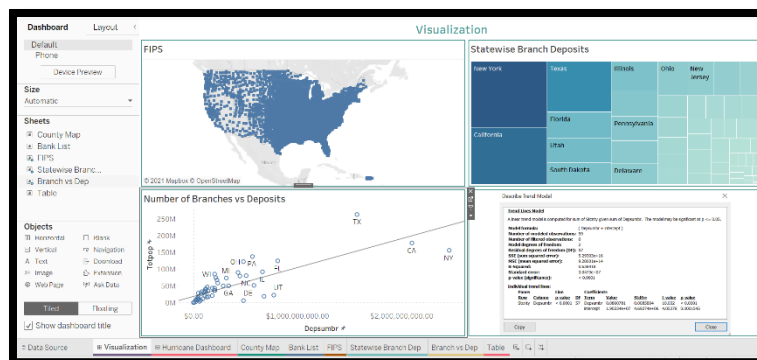
<https://www7.fdic.gov/sod/dynaDownload.asp?barItem=6> (Source for FDIC data)

<https://www.nhc.noaa.gov/gtwo.php?basin=atlc&fdays=2> (Source for hurricane analysis)

Explanation to Use:

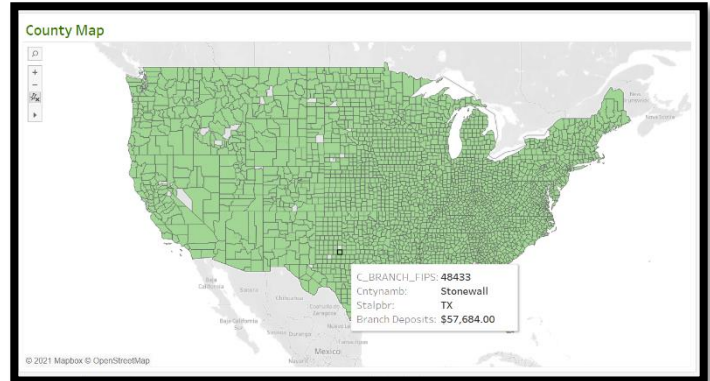
A dashboard is created and designed in such a way it explains different visualizations of the data given.

The first dashboard in this tableau workbook shows us the different types of visualizations possible for the given data. The first image on the left top shows us the zip code of every branch in a state. The second image on the right top shows us the 'heat map' of state wise branch deposits. On the left bottom, that image shows us the line graph of deposits to the number of branches. On the right bottom, we have the trend model for the line graph. That gives us the statistical inferences based on the variables we used to compare. Image below shows us the dashboard we have used for our visualization.



The second dashboard is the '*Hurricane Dashboard*', firstly, let's look at the table named '*Bank List*' which have data from the sources mentioned above. We have five columns in that table which are as follows:

- Cert – Certificate Number of banks
- Namefull – Bank Names
- Number of offices – it specifies the number of offices each bank has in US.
- Branch Deposits – it specifies the total deposits each bank has on branch level.
- Dep % - it specifies the share of branch deposits of each bank relative to its total domestic deposits.



Secondly, we have '*County Map*' in the dashboard which shows the geographic categories based on the data we have collected. Each county and state in the map show the bank's branches operating in the US. This map has details like County, State and it's zip code. This map provides the data on the total number of deposits. In this image, we see that '*FIPS*' is shows the zip code, '*Cntynamb*' shows the county name, '*Stalpbri*' shows the state initials, '*Branch Deposits*' shows the total number of deposits.

The third image on the dashboard shows the hurricane analysis from the '*nhc.novaa*' website (link is mentioned in the source). It will help us analyze the areas on the US map impacted by the hurricane.

Moving on, we now have a clear understanding of the dashboard, so we can use this interactive dashboard for our analysis of bank's performance with the hurricane effect.

After observation of the dashboard, we can analyze the severity of the impact of hurricane on the areas of US. This can be done by choosing an area mentioned in the '*hurricane report*' and select it on the '*county map*'. This eventually will filter the data on the map and would automatically update the bank list showing the details for only those banks that are prone to hurricane.

This dashboard however can be used for various other comparisons. In terms to future productivity, we can use this dashboard to analyze the bank's performance over different periods of time.

A snapshot of the dashboard is presented below. Hereby, Tableau packaged workbook is enclosed along with the executive summary.

