

**Knowledge Mapping and Data Visualization**------------------------------------------------------------------------

Covid-19 Project  
  
Hospital Occupancy Rates in Turkey During the Covid-19 Process

**REPORT**

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A concrete example that happened to me as I started this research inspired me. 'Hospital occupancy rates' were a reality that not everyone could see during the Covid-19 process. My experiences have been instrumental in examining this subject. Since the first day of the coronavirus pandemic, most people have been in quarantine at home. Although the facts were tried to be reflected on social media, unfortunately many people did not face the reality of the situation.

Hospital occupancy rates were not a data announced every day by the Ministry of Health during the pandemic process. Only the number of severe patients, the number of intubated patients, the number of deaths, and the number of cases were shared. At the beginning of the pandemic process, the Ministry of Health was announcing the hospital occupancy rates of each city. However, since this process is an ongoing process, as a result of the examinations and updates on this subject, the Ministry of Health started not to announce this rate after a certain period of time. On the other hand, the problems experienced by people, their psychological effects and the reflection of the pandemic process on hospitals were increasing.

In this research, I wanted to stay true to accurate and up-to-date information. I looked at daily coronavirus data from many websites. I researched on social media, watched documentaries and read many articles. Thanks to all the information I got, I found it right to use the data announced by the Ministry of Health. In this process, there were many people who did not trust the data announced by the Ministry of Health. In fact, the Turkish Medical Association criticized the Ministry of Health on many issues. A certain part of people do not trust the numbers announced by the Ministry of Health. However, as a result of the examinations I made, I still obtained the most accurate information from the Ministry of Health. I took the numbers that will be useful to me while creating the data sets and reduced their tables on Excel. I needed to do this to get more understandable graphics. In this project, I handled hospital occupancy rates in 3 separate periods. April 2020, December 2020 and April 2021. I can list the time intervals as follows; the beginning of the pandemic, when the pandemic is felt most intensely, and the current state of the pandemic. I did this research to reflect this fact to people. My biggest goal was to raise awareness of the society on this issue. I talked about the mistakes made and the facts that the society did not know during the pandemic process. What I wanted was to bring this awareness to society. We are experiencing a global epidemic and people have begun to manage this process well. Neither people, nor political people, nor economic people, and unfortunately, nor health workers.   
  
 When I dealt with the mistakes made in all their reality, the conclusion I came to was as follows; During the pandemic, nothing can be controlled. People just had to control themselves. In order to do this research better, I sometimes felt like a doctor, sometimes the minister of health, sometimes the president of the country. In fact, the truth is that I am a relative of a patient who died due to coronavirus during this process. I had to approach this issue objectively. As hard as it was for me, I had to do it. There was much to criticize. It was possible to control everything in this process. But no one can be held responsible for not being this way. Because this is a global epidemic. Unfortunately, the virus still continues to mutate. Sometimes medicine, science, economy and even health can get clogged. We have seen this very clearly in this process.

There were some points that I had difficulties during the project process, as I mentioned before, the society is actually in a big mess. There was a side that did not believe and did not trust the data of the Ministry of Health. In order to be objective and gain knowledge, I had to examine and interpret this side as well. There were times when I was in between. But I solved all this complexity by trying to access every piece of information.

I shared this project on many platforms in order to bring it to the society. Since I want all people to be able to access the results of my reviews, I shared them both on my personal social media accounts and on platforms such as 'Academia.edu', Dergipark, Github. My aim was to raise awareness in the society.