The Impact of Covid-19 on Unemployment in Turkey

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Since the beginning of Earth's history, humans have found many ways to survive. After people settled down, the economy emerged spontaneously with the invention of money. With the economy, people started to earn money for themselves and spend money to survive. There are many natural and artificial factors that affect the economy phenomenon that has existed for centuries. Epidemics are one of the biggest natural factors affecting the economy on a global scale. The covid-19 pandemic we are in is one of the disasters that negatively affects the economy. As a result of the negative effects on the economy, the number of unemployed continued to increase throughout the world and in our country during the pandemic period. In this project, we examined and investigated Turkey's unemployment rate during the pandemic period, the number of unemployed and the reasons for this rate, the distribution of unemployment rate by gender, regional and sectors, together with statistical data.

One of the important points we noticed at the beginning of our research is that the unemployment problem in Turkey was one of the serious problems of the country before the pandemic. We decided that the area where the negative impact of the pandemic on the economy can be seen most clearly is unemployment, and we decided to intensify our research in this direction. The unemployment rate in Turkey rose to a level of 13.7% during the pandemic period and was recorded as one of the highest levels in history. As a result of our research, we realized that there are many sources and data on unemployment on the website of the Turkish Statistical Institute. We decided to download and use the data on the gender, regional and sectoral distribution of the unemployment rate in Turkey as an excel spreadsheet. The existence of a wide variety of data and the sub-titles of these data made the research fun. Unemployment rates and data in Turkey during the pandemic period revealed quite surprising results at some points. One of these surprising results was that the region with the lowest unemployment in Turkey is the Kastamonu region. The unemployment rate, which climbed during the pandemic period, continued to negatively affect people's psychology and hope of finding a job.

To visualize the data we collect, we decided to use the Google Charts resource, as it is free and easy to use. The fact that it contains various and customizable charts was the most important factor in our decision.

Unemployment data consisted of a fairly large chunk of data on the TUIK site. This was the first challenge we encountered in the research. The complexity of the database system and its instability made it difficult for us to find the data we were looking for. Since we could not find the data on the regional unemployment rate clearly, we had to rearrange the data and create the tables ourselves through the geographical statistics portal on the TUIK site. Apart from these, we did not encounter major problems in finding resources and data visualization.

Another result we have reached in line with the data is that the sector with the highest unemployment rate was the service and sales employee. In addition, when we evaluated the unemployed people according to the sector they worked in, we saw that the majority of them were in the service sector.

As a result of all these researches, we can observe that unemployment was a serious problem even before the pandemic and that it increased even more with the effect of the pandemic. The last part we showed in our project was the unemployment rates of important countries in the world. The unemployment rate in Turkey, on the other hand, showed parallelism with other developing countries with 13.7%.

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