

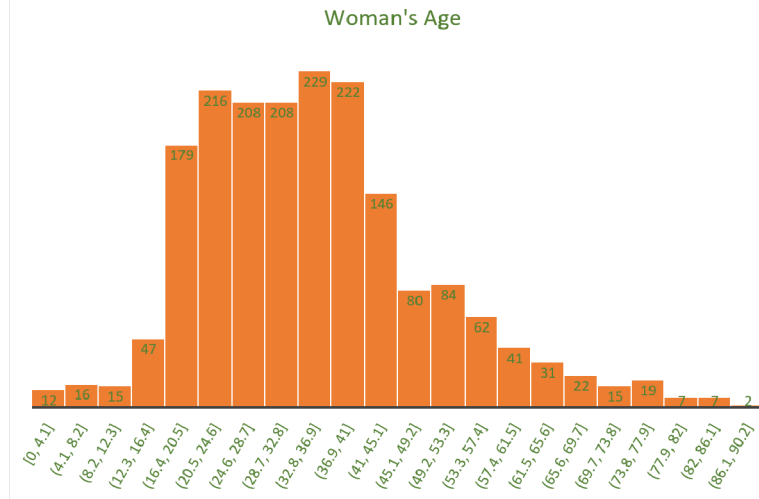
Mapping and Analysis of Murders of Women in Turkey

Diğdem Çokyaşar, Hilal Nur İnce, Merve Işıksaçan

Geographic Information System (IT413), Instructor Mahmut Çavur

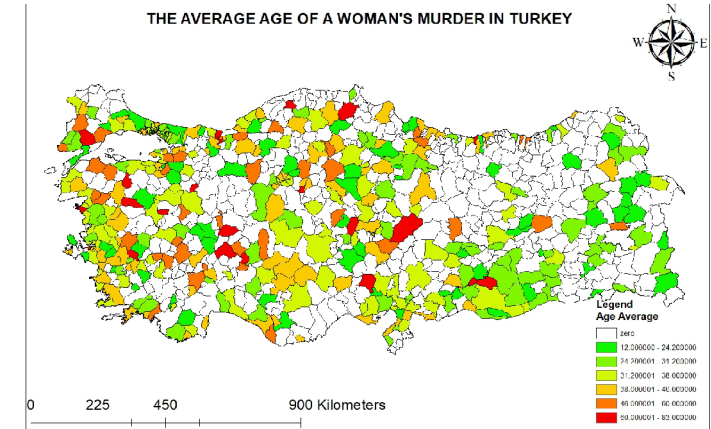
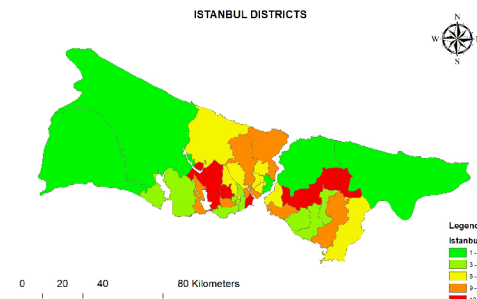
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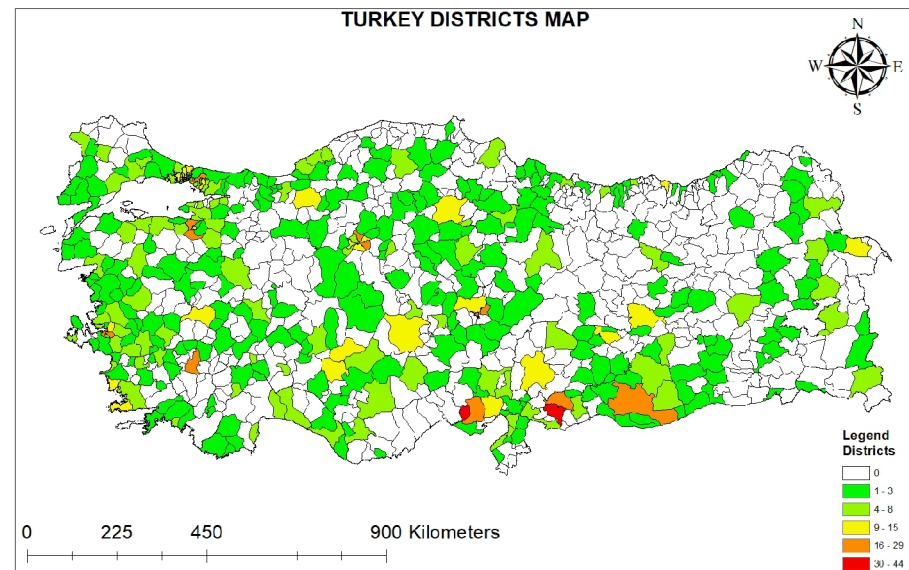
ABSTRACT

Every day, hundreds of women in the world are killed by men for certain reasons. Unfortunately, we encounter these events in Turkey in the same way. From what we've heard and read on the news, we know. In our country, it is difficult to get accurate data on women's murders. While some murders are guarded by the police, some murders demand the family secrecy. The aim of this project is to see the number, causes, and age of the women murders committed since 2010 on the map. We are showing how dense this data is with the help of the ranges and colors we set. We used a Geographic Information System (ArcGIS) mapping tool and Microsoft Office Excel for this visualization.



INTRODUCTION

Firstly, the data found was saved with the help of the Excel program. <<http://kadincinayetleri.org/>>. Then the data entered in ArcGIS program combined with the map of the district of Turkey. Data types on Turkey's county map were adapted to the written data and combined. When we look at the maps that are created, we can see the information about the people in Turkey in which region, for what reason and how old the victim is. As a result, we can easily interpret the density in which regions and examine the statistical charts created according to the data found. To examine from a different angle, the average age of the victims was visualized as a map.



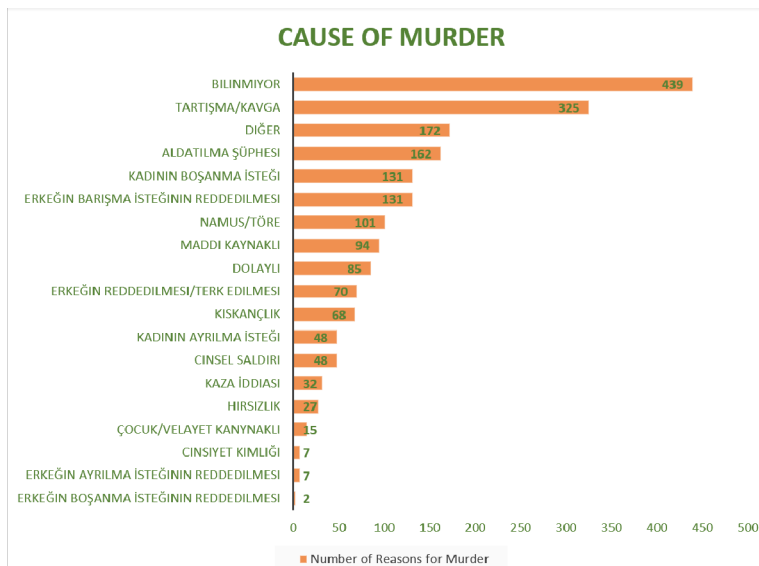
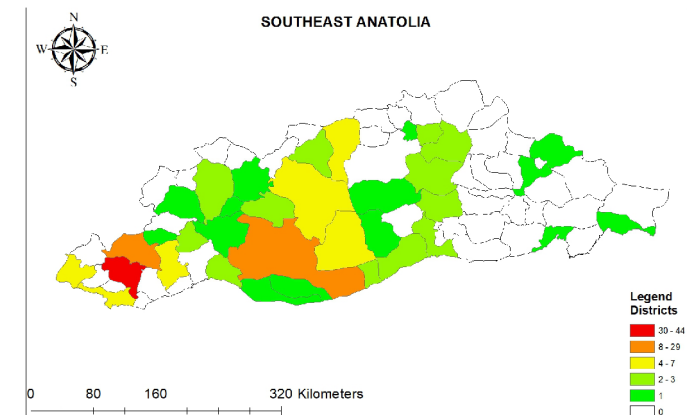
METHODOLOGY

In order to rate Turkey's female murder, data based on age, country, district, reason of murder and killer was extracted, ranked, combined and weighted on a percent scale. The ranking scale used is comprised of values ranking from 1 to 5 and 1 to 6. 1 is the lowest possible ranked score while 5 and 6 is the highest. Once ranked, all data was then combined into major criteria groups comprised of reason or murder and killer.

The average age of woman's murder in Turkey data extracted from www.kadincinayetleri.org database. In Turkey women killed when they are 12 to 24 and Southeast Anatolia average age are 12 to 24. Woman who 46 to 83 were mostly killed in Central Anatolia region, Marmara region, Aegean region and Black sea region. In Turkey's eastern regions we expected more murders but in Turkey's western and northern regions number of murders are higher.

The murder of woman in Turkey data for Southeast Anatolia was extracted from www.kadincinayetleri.org database. 80 districts of Southeast Anatolia are selected by extraction, ranked and grouped into six ranking based upon number of murders. 43 districts there is no murder (rank 0). For 15 district there is 1 murder (rank 1), and for 1 district there is 30 to 44 murder (rank 30-44). In the Southeast Anatolia region, 47% of the murders were committed. Gaziantep is the most murderous city in this region. In Şahinbey district of Gaziantep, 24.4% of the discussion and quarrel, 17.8% of the other reasons are shown as honor and observance.

The murder of woman in Turkey data for Istanbul was extracted from www.kadincinayetleri.org database. 39 districts of Istanbul are selected by extraction, ranked and grouped into five ranking based upon number of murders. A murder was committed in every district of Istanbul. For 5 district there are 12 to 19 murders. Most of the murders reason is still unknown and the second highest reason is discussion/fight. There are many reasons why the murders are not known. For example, privacy, lynch, reactions of other people...



CONCLUSION

The map of Turkey shows that the murders of women in Turkey have been dispersed in every region. However, in some area women are killed more. Especially in industrial zones, this number is increasing. For example, we can foresee that women living in Marmara live a riskier life. The other point of view is that wherever Turkey's population density is more, there is an increase in the number of women murders in this region. In addition, the map shows that at least one-woman murder has been committed in every city in Turkey.