

By Payal Mehta and Utkarsh Garg

A novel Corona Virus was identified in Wuhan, China in December 2019 and it quickly spread throughout the world in a span of 2-3 months.

Country: USA
Confirmed Cases: 164620

#Confirmed Cases

- 0-1000
- 1001-10000
- 10001-50000
- 50001-100000
- 100001-500000
- 500001-1 Million
- >1 Million

We have visualized the data for the countries for each month since the pandemic. The donut chart lists the top 10 countries which were severely affected and their demographics.



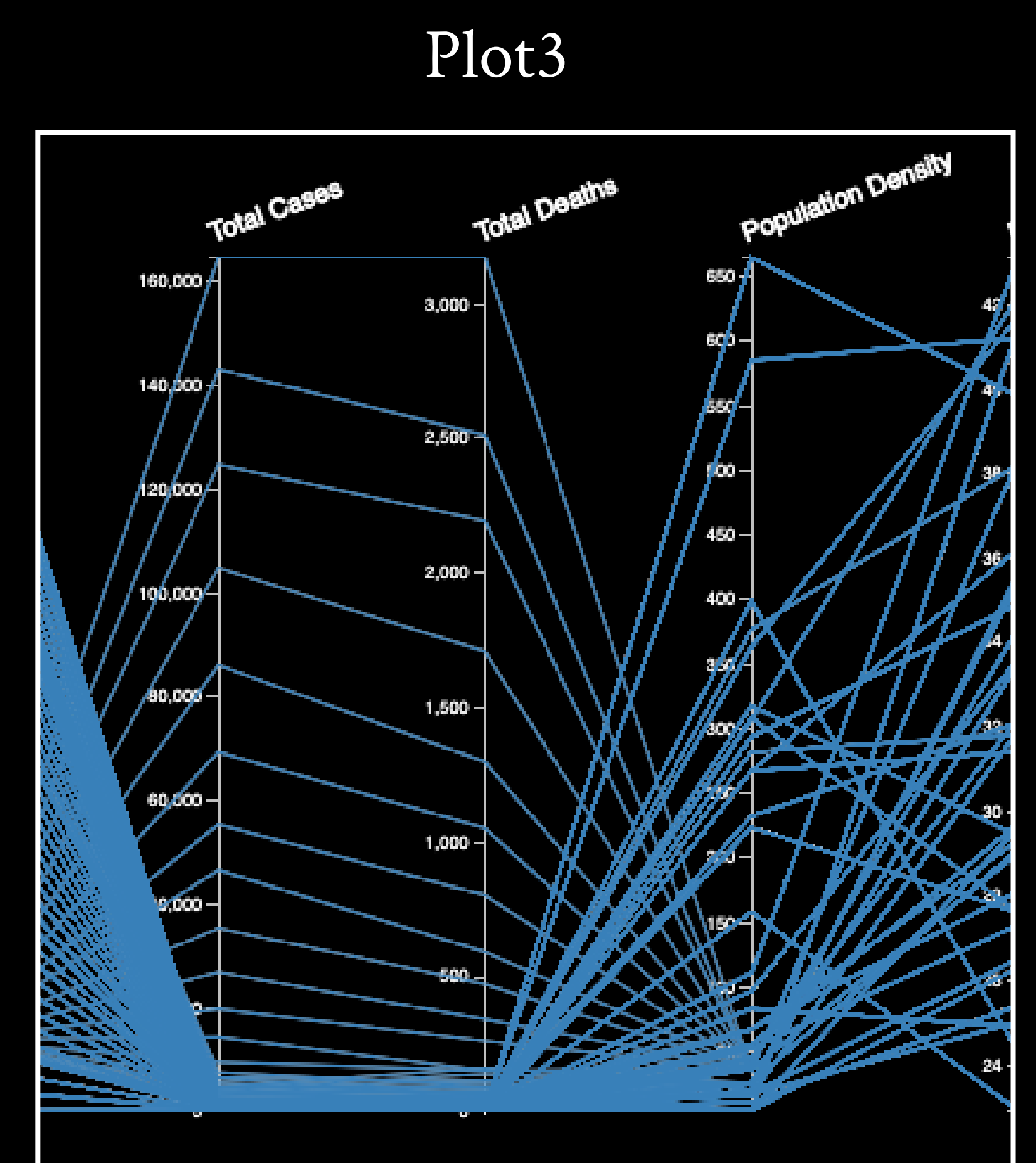
The graphs with demographics gives us a good idea about the median age of the people affected, the population of the country etc.

An interesting inference that we can draw from this is how different the affected age group is than what was assumed in earlier days of the pandemic that it affected older people (age > 60-65)

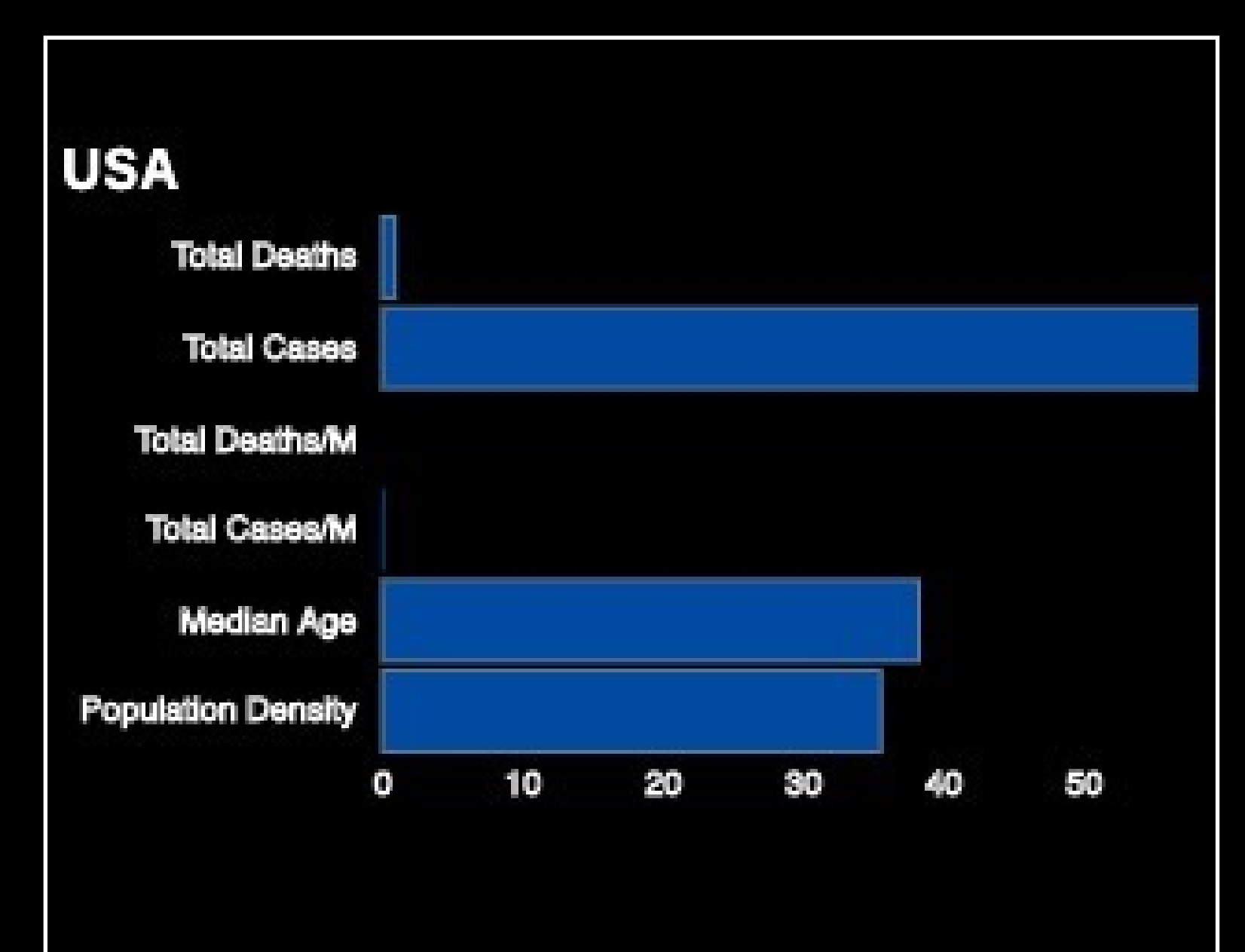
The median age of people affected in most countries (as shown by the donut chart) is 35-40 .



With our dashboard, we have visualized the nationwide impact of the deadly pandemic on the whole world. We have presented this using non-standard plots such as Parallel Coordinates, heat diagrams (intensity plots) using Mercator Projection of World-Map besides using the few barebones conventional plots for Donut and Bar charts.



With the PC infographics , we have analysed the demographics such as the Total casualties, # cases, #deaths, Median age of the population affected, Population density . And through the monthly analysis , we have tracked the cumulative increase in each of these metrics.



Plot4