US Vaccine Tracker

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Our project is to uncover patterns in the US population according to the region, percentage of distributed or administered doses, and age groups.

Kaggle is a company which has an online community of data scientists and machine learning practitioners. We went on Kaggle to find the datasets and uncover patterns in vaccine doses throughout the US provided by the CDC. The US Vaccine Tracker data brought insight into vaccine distribution, region, administration, age groups, and patterns.

* How many vaccine doses were administered per region?

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Based on our data, the highest total for total administered and distributed vaccines is in the south, the least was in the northeast. From least to greatest Northeast, Mid-West, West, South.

* Which region has the highest percent of doses administered (out of doses distributed)?

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According to the pie charts above, the highest percentage of distributed vaccines is in the South. However, out of all the regions the Northeast had the most administered and used vaccines.

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California had the highest number of vaccines that were distributed and administered in the western region.

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Texas had the highest number of vaccines that were distributed and administed in the Southern region.

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Illinios had the highest number of vaccines that were distributed and administed in the Mid-West region.

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New York had the highest number of vaccines that were distributed and administed in the Eastern region.

* Which vaccine was distributed the most?

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Pfizer is the most distributed vaccine throughout the United States.

* Which population according to age group has a higher percentage of people vaccinated?

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Ages 65 and over are the highest vaccinated age group.

Table

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In conclusion, over 65% of our US population has been vaccinated.

Works Cited

* GitHub. 2021. *covid-19-data/public/data/vaccinations at master · owid/covid-19-data*. [online] Available at: <https://github.com/owid/covid-19- data/tree/master/public/data/vaccinations> [Accessed 20 October 2021].
* Kaggle.com. 2021. *US Vaccine Tracker*. [online] Available at: <https://www.kaggle.com/peretzcohen/us-vaccine-tracker> [Accessed 20 October 2021].