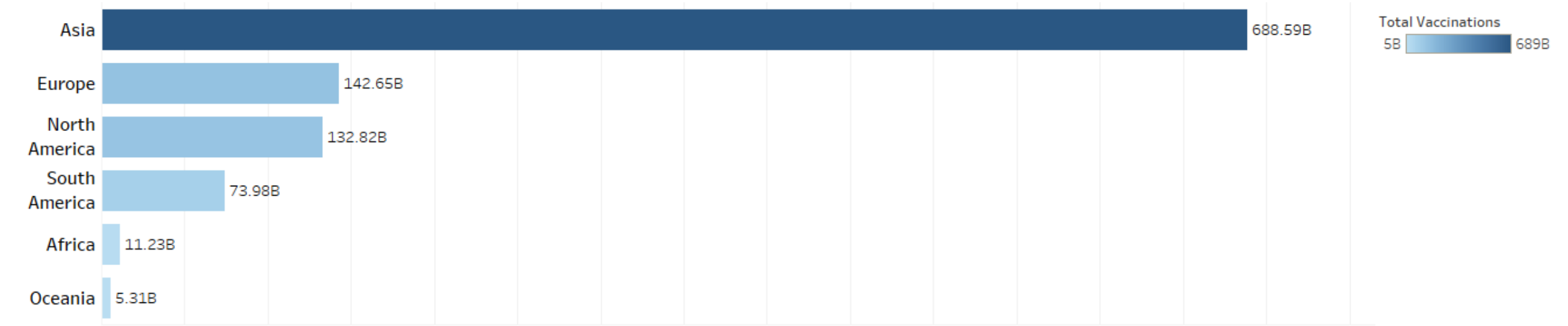


# DataViz Storytelling

File created on: 1/9/2022 12:32:43 AM

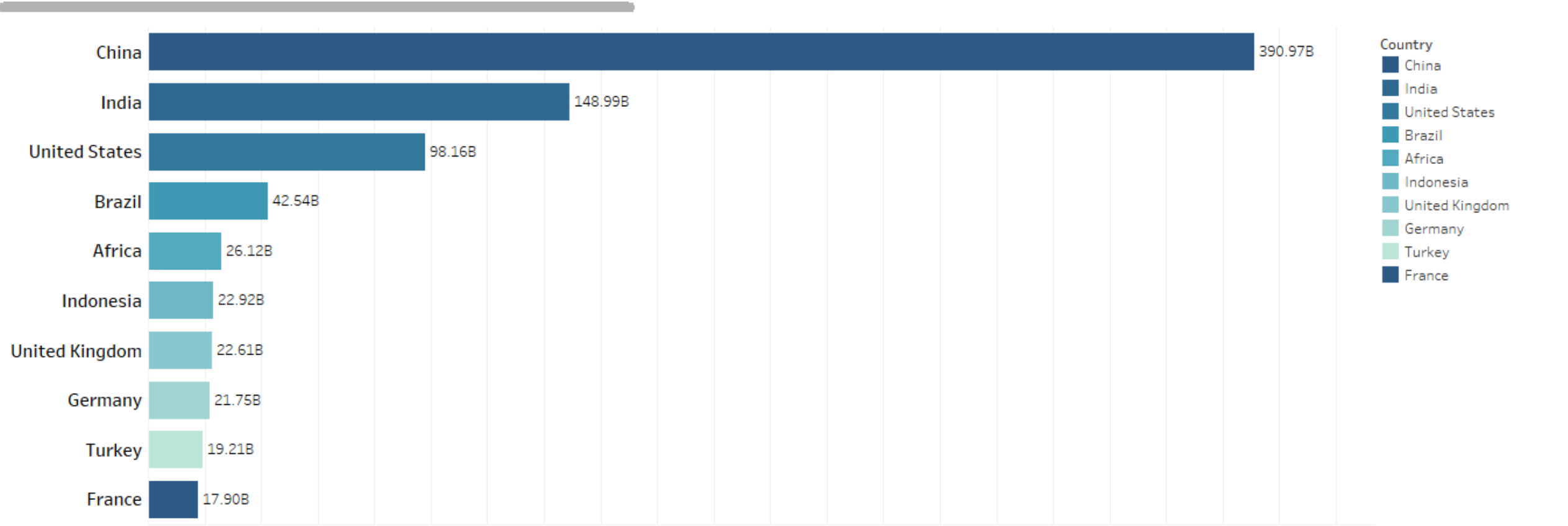
# Covid-19 Vaccination Data Analysis

Title Page	Introduction	Vaccination record by Continents	Top 10 - Countries Vaccination	Top 10 - Countries Vaccination	Vaccination Rates	Vaccination by Continent	Highest Vaccination Rates	Long Way to Go
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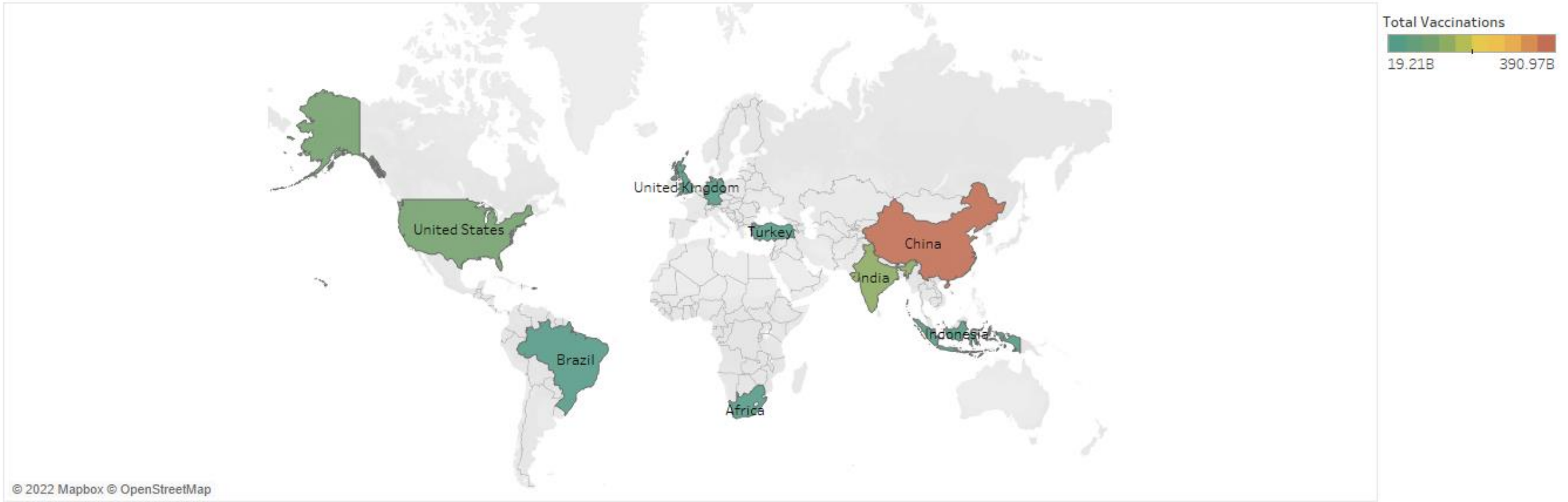
# Covid-19 Vaccination Data Analysis

Title Page	Introduction	Vaccination record by Continents	Top 10 - Countries Vaccination	Top 10 - Countries Vaccination	Vaccination Rates	Vaccination by Continent	Highest Vaccination Rates	Long Way to Go
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# Covid-19 Vaccination Data Analysis

Title Page	Introduction	Vaccination record by Continents	Top 10 - Countries Vaccination	Top 10 - Countries Vaccination	Vaccination Rates	Vaccination by Continent	Highest Vaccination Rates	Long Way to Go
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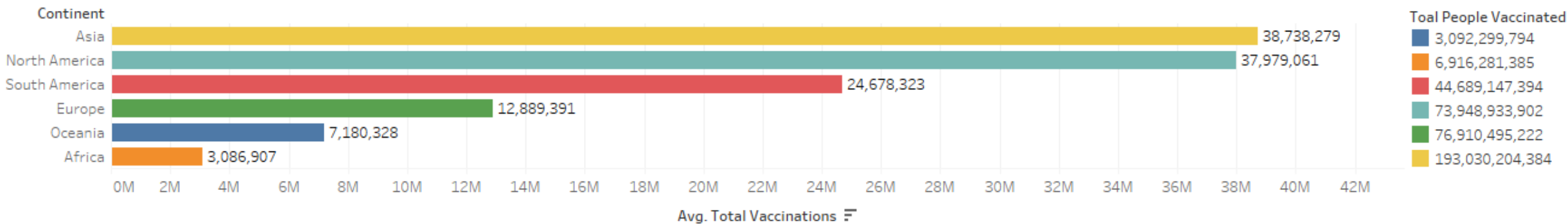
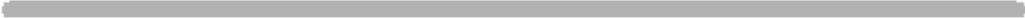
# Covid-19 Vaccination Data Analysis

Introduction	Vaccination record by Continents	Top 10 - Countries Vaccination	Top 10 - Countries Vaccination	Vaccination Rates	Vaccination by Continent	Highest Vaccination Rates	Long Way to Go	World -wide Covid-19 Vaccination
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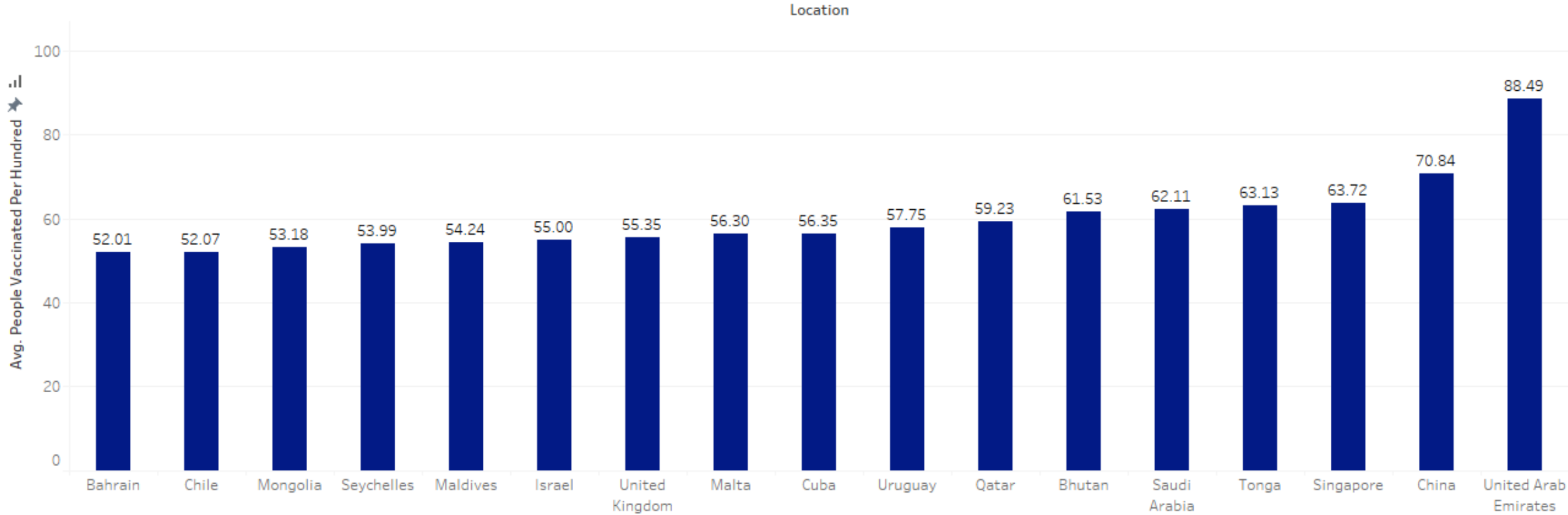
# Covid-19 Vaccination Data Analysis

Vaccination record by Continents	Top 10 - Countries Vaccination	Top 10 - Countries Vaccination	Vaccination Rates	Vaccination by Continent	Highest Vaccination Rates	Long Way to Go	World -wide Covid-19 Vaccination	Fully vs One dose
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# Covid-19 Vaccination Data Analysis

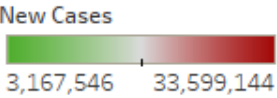
Top 10 - Countries Vaccination	Top 10 - Countries Vaccination	Vaccination Rates	Vaccination by Continent	Highest Vaccination Rates	Long Way to Go	World -wide Covid-19 Vaccination	Fully vs One dose	Active cases VS Total Vaccinations
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# Covid-19 Vaccination Data Analysis

Top 10 - Countries Vaccination	Vaccination Rates	Vaccination by Continent	Highest Vaccination Rates	Long Way to Go	World -wide Covid-19 Vaccination	Fully vs One dose	Active cases VS Total Vaccinations	Vaccination Vs Death
--------------------------------	-------------------	--------------------------	---------------------------	----------------	----------------------------------	-------------------	------------------------------------	----------------------

Location	Avg. Population	
United States	332,915,074	<div>33,599,144</div>
India	1,393,409,033	<div>22,675,877</div>
Brazil	213,993,441	<div>13,571,894</div>
United Kingdom	68,207,114	<div>7,754,264</div>
Turkey	85,042,736	<div>6,401,322</div>
France	67,564,251	<div>5,951,074</div>





# Covid-19 Vaccination Data Analysis

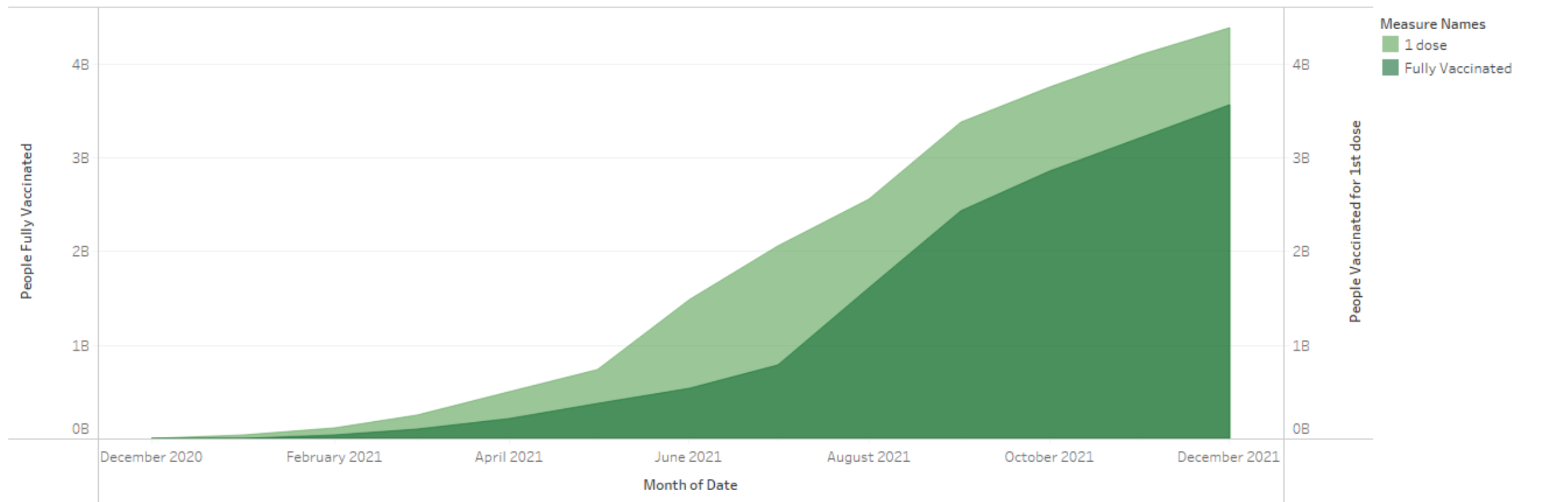
Vaccination Rates	Vaccination by Continent	Highest Vaccination Rates	Long Way to Go	World-wide Covid-19 Vaccination	Fully vs One dose	Active cases VS Total Vaccinations	Vaccination Vs Death	Vaccination by age
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Avg. Total Vaccinations  
70 18

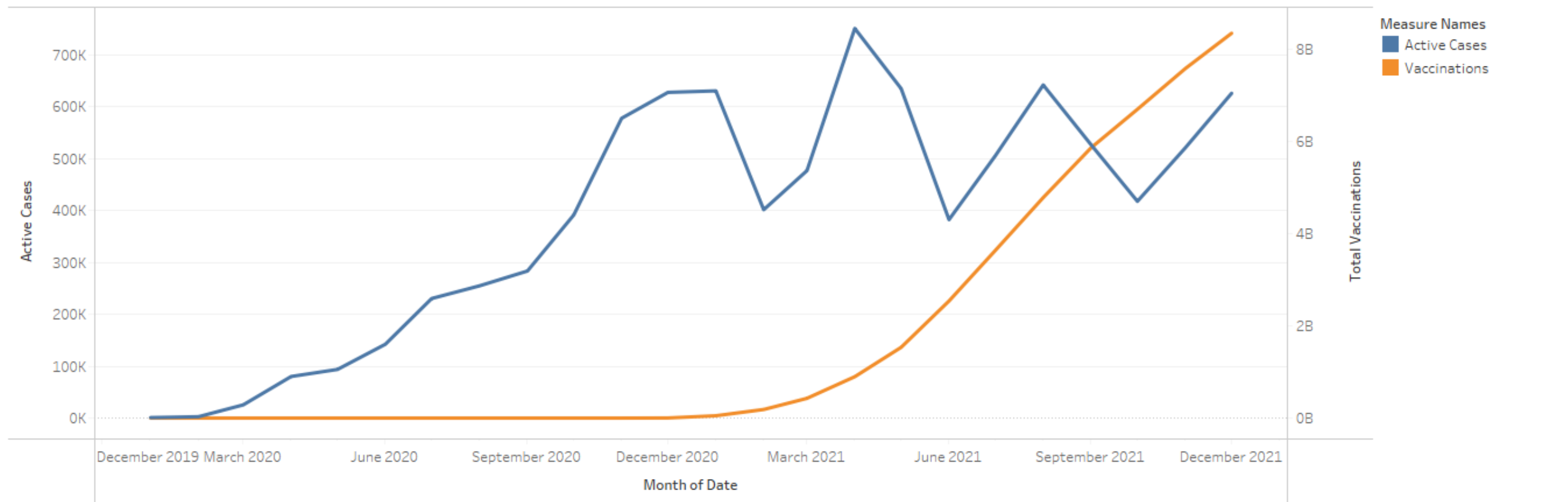
# Covid-19 Vaccination Data Analysis

Vaccination by Continent	Highest Vaccination Rates	Long Way to Go	World -wide Covid-19 Vaccination	Fully vs One dose	Active cases VS Total Vaccinations	Vaccination Vs Death	Vaccination by age	What percentage have received the COVID-19 vaccine?
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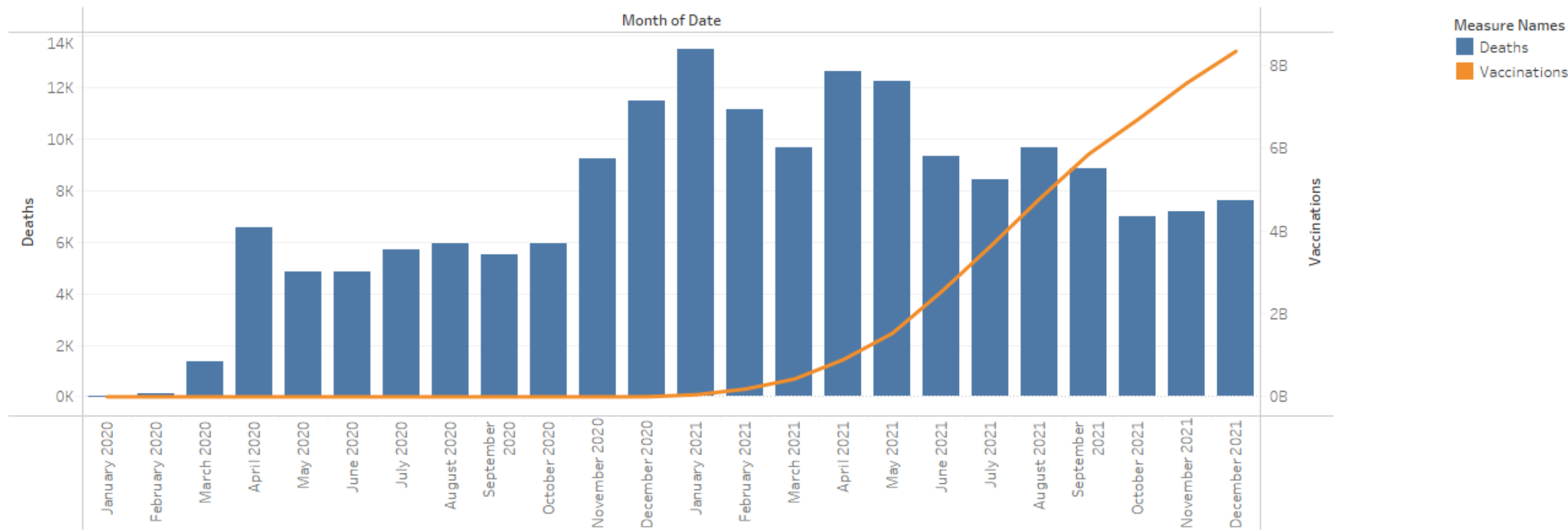
# Covid-19 Vaccination Data Analysis

Highest Vaccination Rates	Long Way to Go	World -wide Covid-19 Vaccination	Fully vs One dose	Active cases VS Total Vaccinations	Vaccination Vs Death	Vaccination by age	What percentage have received the COVID-19 vaccine?	Vaccine popularity by country
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# Covid-19 Vaccination Data Analysis

Long Way to Go	World -wide Covid-19 Vaccination	Fully vs One dose	Active cases VS Total Vaccinations	Vaccination Vs Death	Vaccination by age	What percentage have received the COVID-19 vaccine?	Vaccine popularity by country	Vaccine popularity by supplier
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# Covid-19 Vaccination Data Analysis

World -wide Covid-19 Vaccination	Fully vs One dose	Active cases VS Total Vaccinations	Vaccination Vs Death	Vaccination by age	What percentage have received the COVID-19 vaccine?	Vaccine popularity by country	Vaccine popularity by supplier	Vaccine details Vs Cases & Deaths
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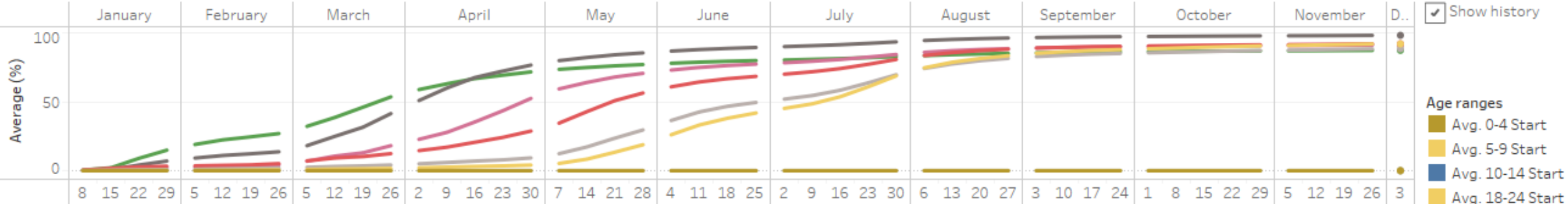
## Vaccination by age

COVID-19 does not distinguish between gender, current situation or age. It is just continously spreading out among society ant it try to survive in the hosted body causing on some occasions people death. Therefore, countries all around the world have prioritized more vulnerable people to get vaccinated as soon as possible to prevent those fatal scenarios.

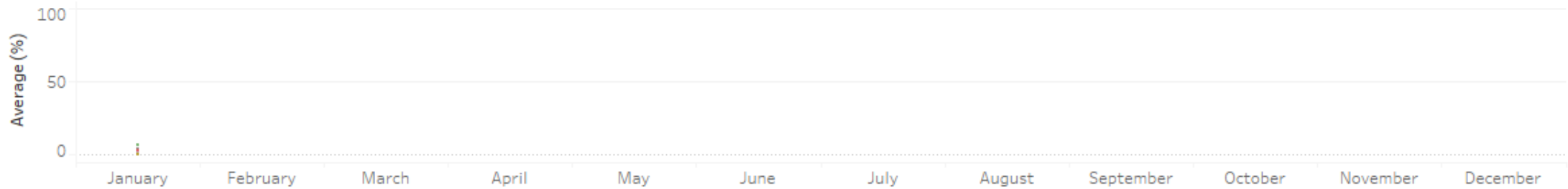
# Covid-19 Vaccination Data Analysis

Fully vs One dose	Active cases VS Total Vaccinations	Vaccination Vs Death	Vaccination by age	What percentage have received the COVID-19 vaccine?	Vaccine popularity by country	Vaccine popularity by supplier	Vaccine details Vs Cases & Deaths	Daily New Cases
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What percentage of people in each age range received the COVID-19 vaccine?



## Fully vaccinated by age

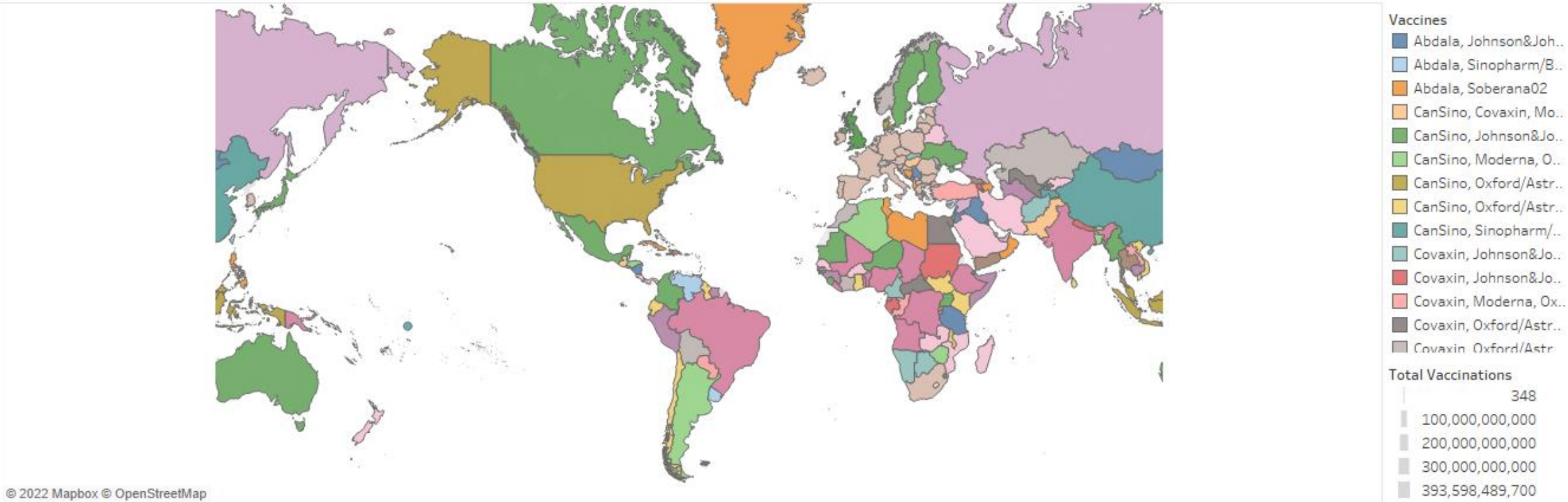


The following chart shows the share of the population in each age group that are fully vaccinated against COVID-19. This represents the share that have received all doses prescribed by the vaccination protocol.



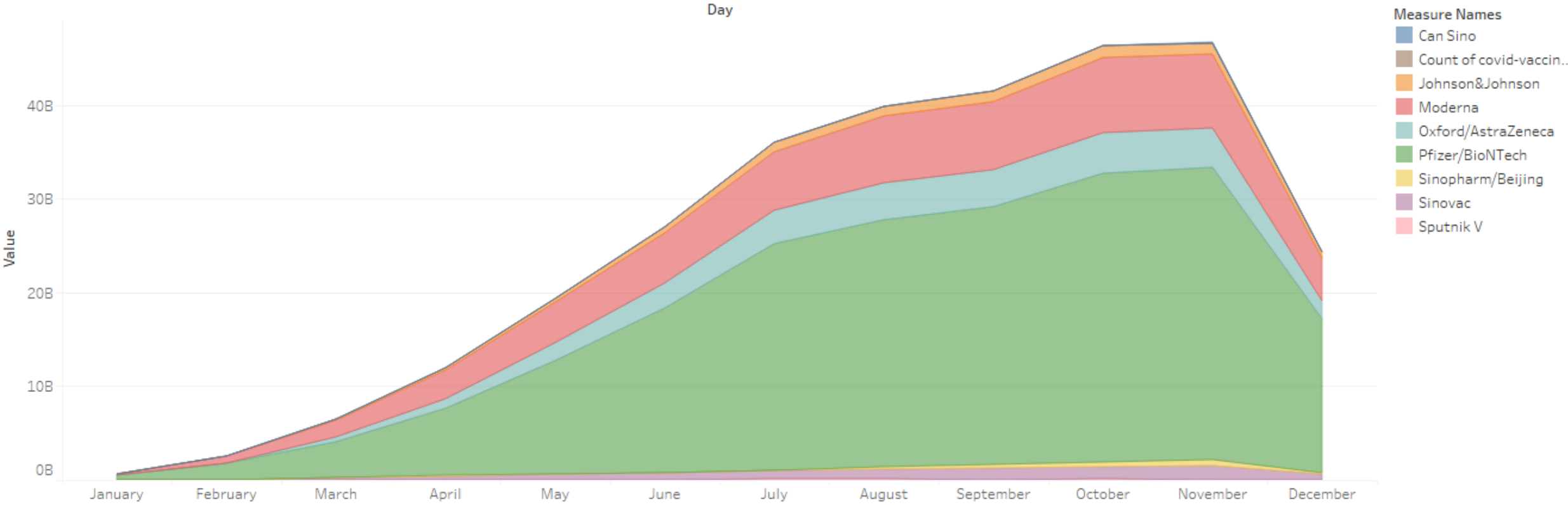
# Covid-19 Vaccination Data Analysis

Active cases VS Total Vaccinations	Vaccination Vs Death	Vaccination by age	What percentage have received the COVID-19 vaccine?	Vaccine popularity by country	Vaccine popularity by supplier	Vaccine details Vs Cases & Deaths	Daily New Cases	Daily New Death Cases
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# Covid-19 Vaccination Data Analysis

Vaccination Vs Death	Vaccination by age	What percentage have received the COVID-19 vaccine?	Vaccine popularity by country	Vaccine popularity by supplier	Vaccine details Vs Cases & Deaths	Daily New Cases	Daily New Death Cases	Conclusion
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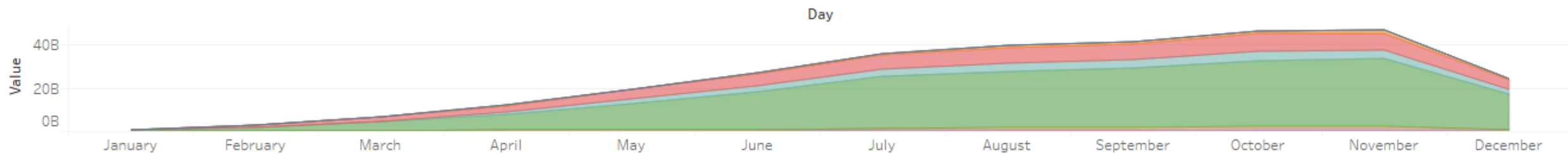




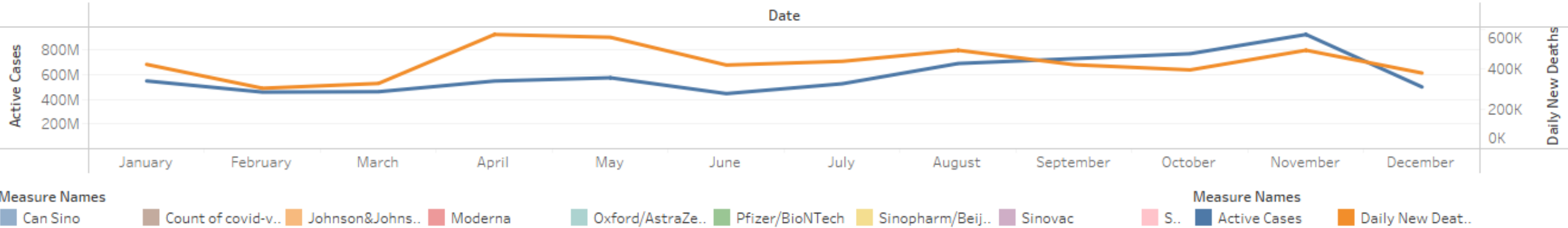
# Covid-19 Vaccination Data Analysis

Vaccination by age	What percentage have received the COVID-19 vaccine?	Vaccine popularity by country	Vaccine popularity by supplier	Vaccine details Vs Cases & Deaths	Daily New Cases	Daily New Death Cases	Conclusion	References
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Vaccine popularity by supplier

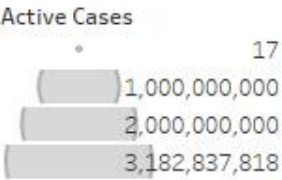
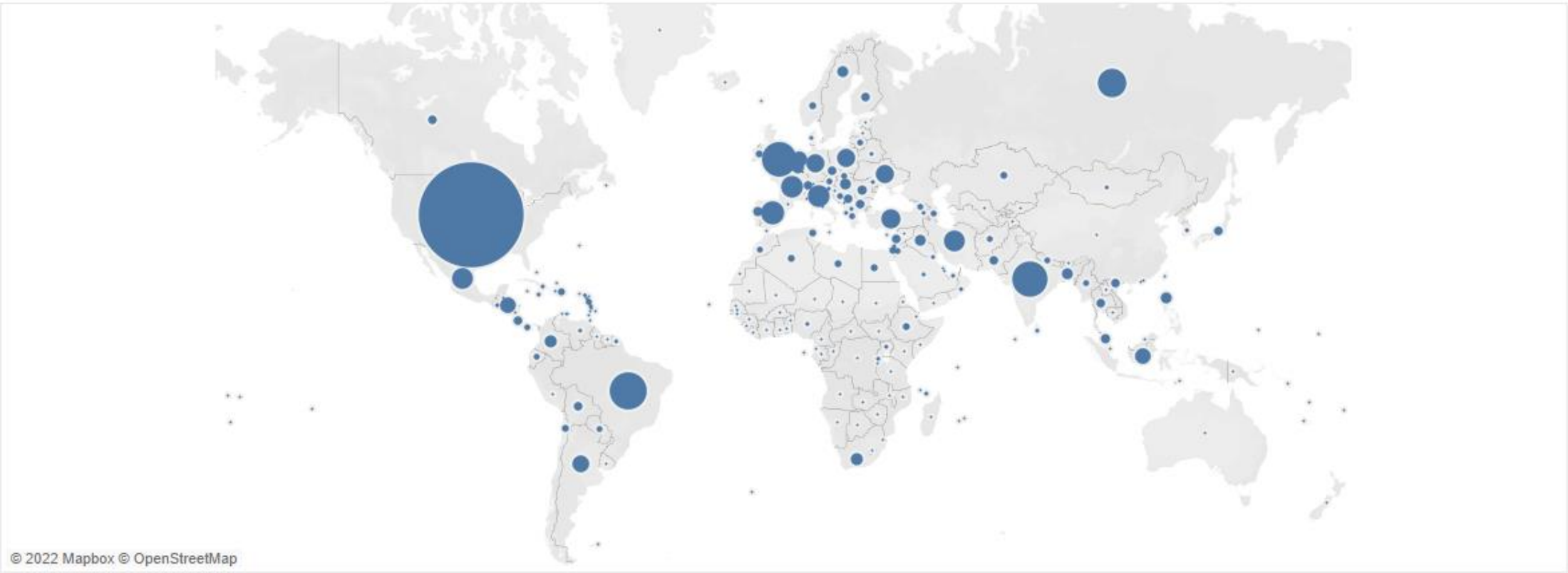


Active & Death Cases over the Period



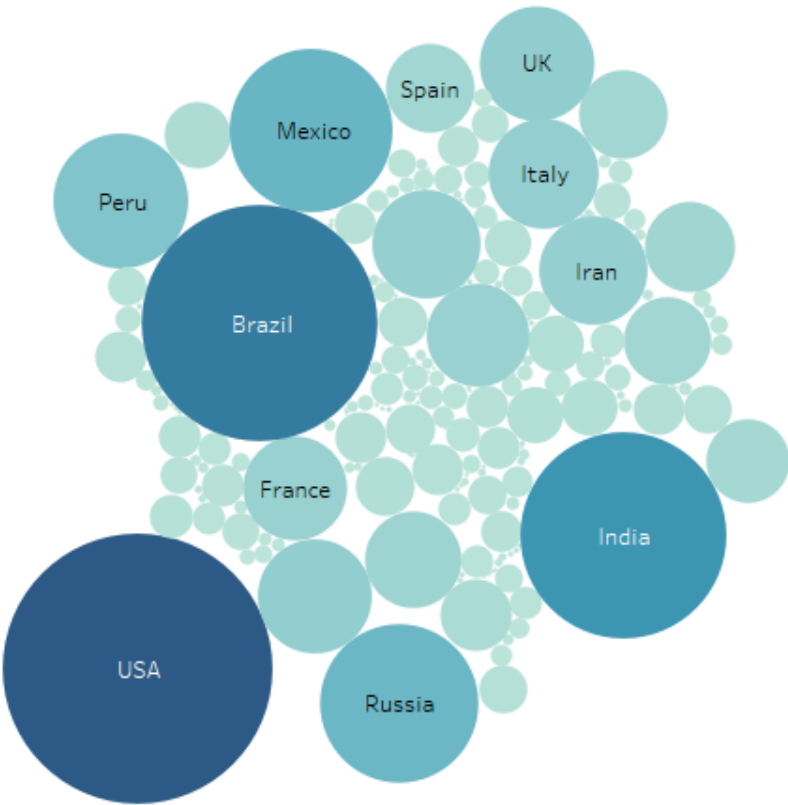
# Covid-19 Vaccination Data Analysis

Vaccination by age	What percentage have received the COVID-19 vaccine?	Vaccine popularity by country	Vaccine popularity by supplier	Vaccine details Vs Cases & Deaths	Daily New Cases	Daily New Death Cases	Conclusion	References
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# Covid-19 Vaccination Data Analysis

Vaccination by age	What percentage have received the COVID-19 vaccine?	Vaccine popularity by country	Vaccine popularity by supplier	Vaccine details Vs Cases & Deaths	Daily New Cases	Daily New Death Cases	Conclusion	References
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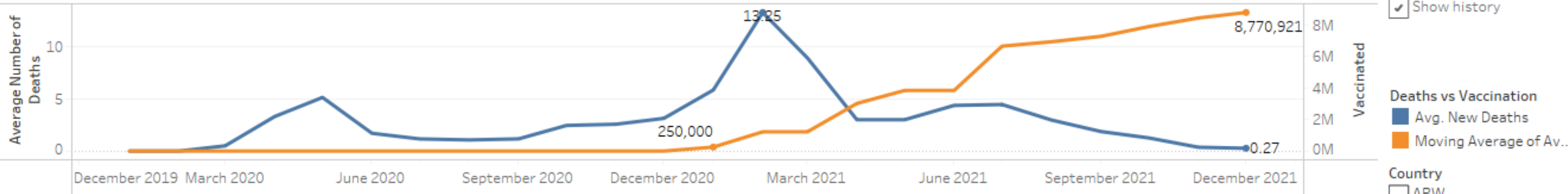


Daily New Deaths  
2 806,398

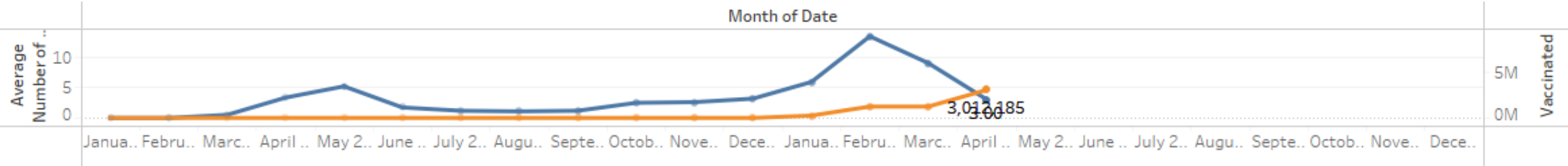
# Covid-19 Vaccination Data Analysis

Vaccination by age	What percentage have received the COVID-19 vaccine?	Vaccine popularity by country	Vaccine popularity by supplier	Vaccine details Vs Cases & Deaths	Daily New Cases	Daily New Death Cases	Conclusion	References
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## How vaccination has contributed with the number of deaths?



## Deaths vs Vaccination



The following chart shows how vaccination contributed with the number of deaths during the given timeframe. As soon as the vaccination started the number of deaths started to decrease. However, for some countries there was a new peak due to the COVID variants, but at the end the trend was similar, less deaths with more people vaccinated.

- Country
- ☐ ABW
  - ☐ AFG
  - ☐ AGO
  - ☐ AIA
  - ☐ ALB
  - ☐ AND
  - ☒ ARE
  - ☐ ARG
  - ☐ ARM
  - ☐ ATG
  - ☐ AUS
  - ☐ AUT
  - ☐ AZE

# Covid-19 Vaccination Data Analysis

Vaccination by age	What percentage have received the COVID-19 vaccine?	Vaccine popularity by country	Vaccine popularity by supplier	Vaccine details Vs Cases & Deaths	Daily New Cases	Daily New Death Cases	Conclusion	References
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## References:

Nature human behavior, (2021, May 10). Source

<https://www.nature.com/articles/s41562-021-01122-8>

ourworldindata, (2021, December 16). Source:

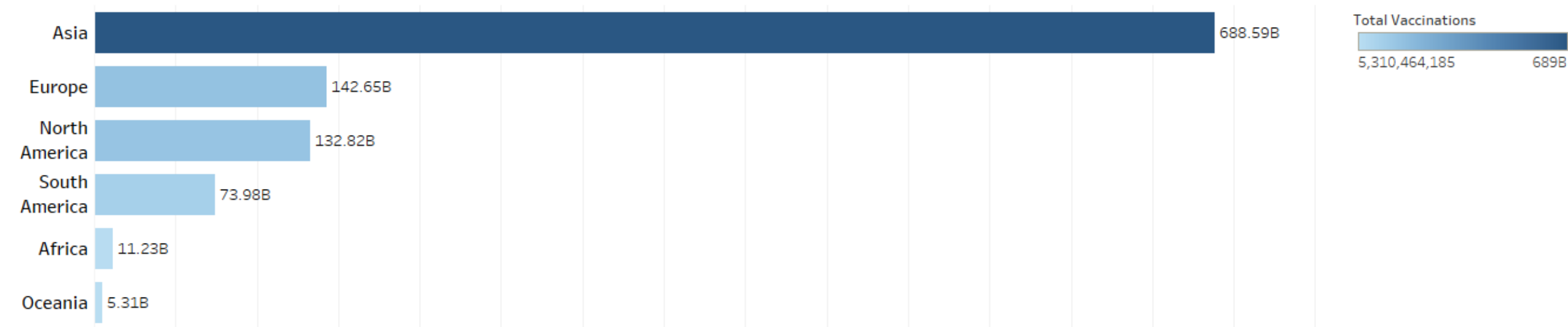
<https://github.com/owid/covid-19-data/blob/master/public/data/vaccinations/locations.csv>

<https://github.com/owid/covid-19-data/blob/master/public/data/vaccinations/locations.csv>

<https://github.com/owid/covid-19-data/tree/master/public/data/vaccinations>

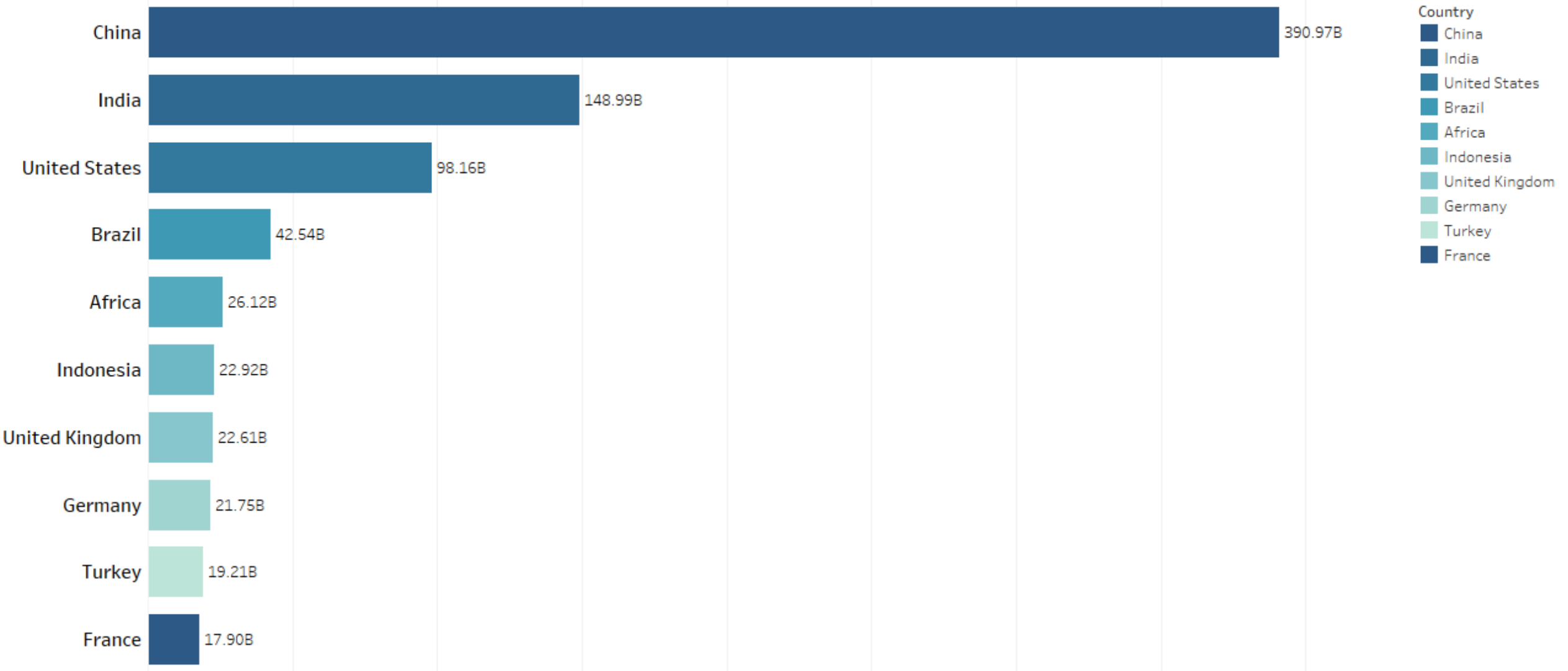
Gapminder, (2021, December 16). Source:..

## Vaccination record by Continents



Sum of Total Vaccinations for each Continent. Color shows sum of Total Vaccinations. The marks are labeled by sum of Total Vaccinations. The view is filtered on Continent, which excludes Null.

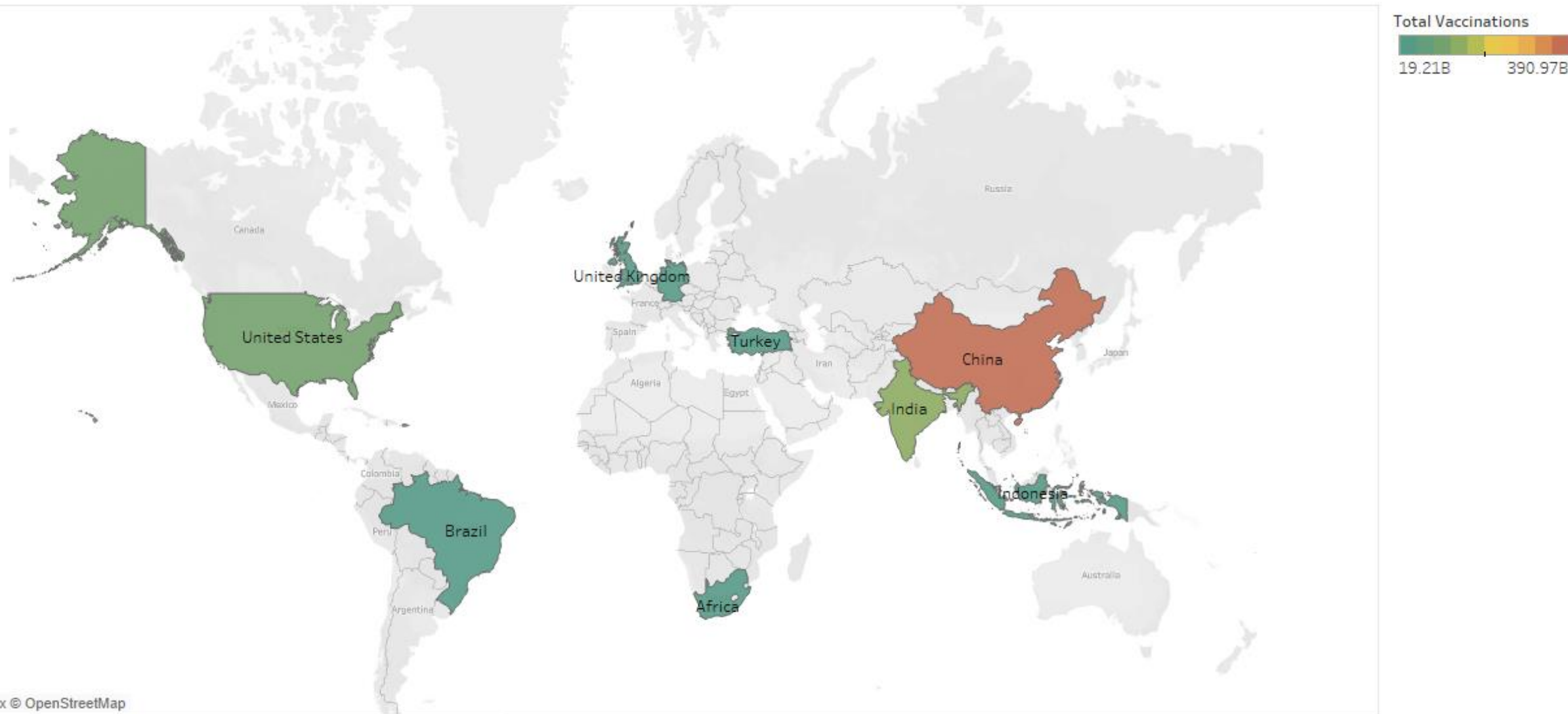
## Top 10 Countries with the highest number of Vaccination



Sum of Total Vaccinations for each Country. Color shows details about Country. The marks are labeled by sum of Total Vaccinations. The view is filtered on Country and sum of Total Vaccinations. The Country filter has multiple members selected. The sum of Total Vaccinations filter keeps non-Null values only.



## Top 10 Countries with the highest number of Vaccination



Map based on Longitude (generated) and Latitude (generated). Color shows sum of Total Vaccinations. The marks are labeled by Country. The view is filtered on Country, sum of Total Vaccinations, Latitude (generated) and Longitude (generated). The Country filter has multiple members selected. The sum of Total Vaccinations filter keeps non-Null values only. The Latitude (generated) filter keeps non-Null values only. The Longitude (generated) filter keeps non-Null values only.



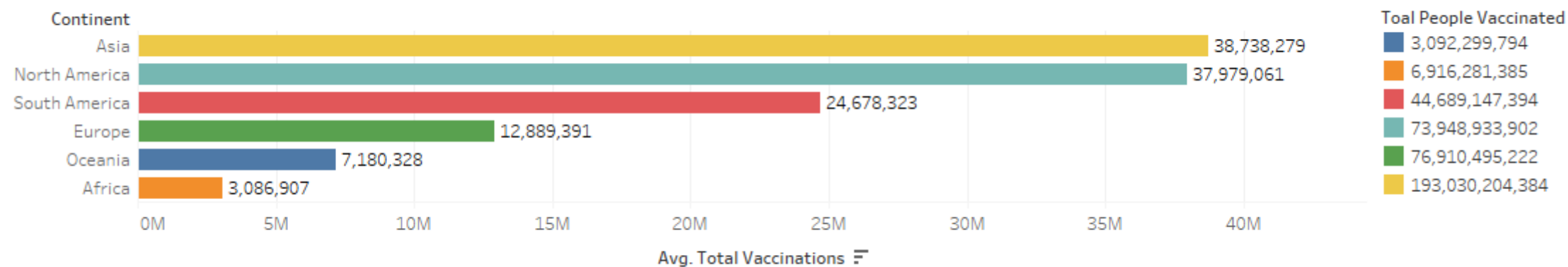
## The World Population: Vaccination Rates



Map based on Longitude (generated) and Latitude (generated). Color shows details about sum of People Vaccinated. The marks are labeled by location.

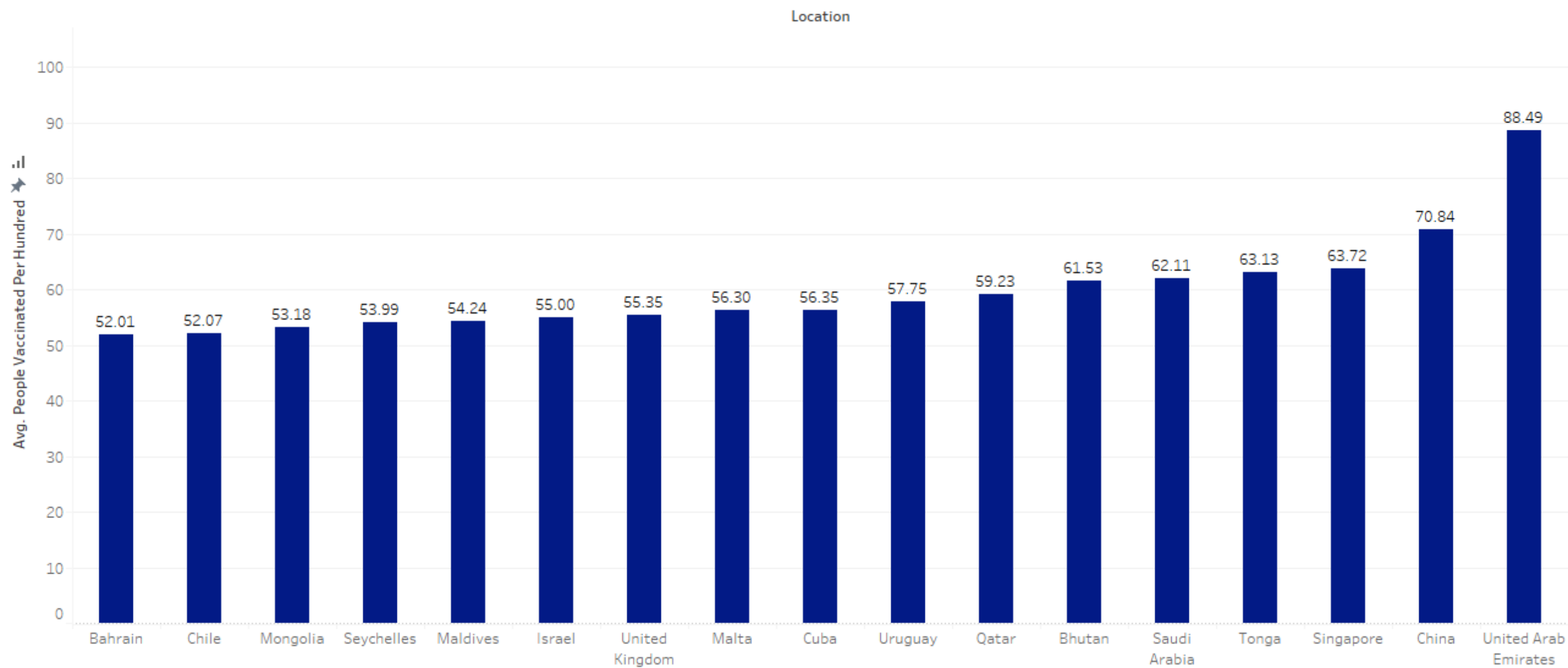
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72092	72092
72093	72093
72094	72094
72095	72095
72096	72096
72097	72097
72098	72098
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72100	72100
72101	72101
72102	72102
72103	72103
72104	72104
72105	72105
72106	72106
72107	72107
72108	72108
72109	72109
72110	72110
72111	72111
72112	72112
72113	72113
72114	72114
72115	72115
72116	72116
72117	72117
72118	72118
72119	72119
72120	72120
72121	72121
72122	72122
72123	72123
72124	72124
72125	72125
72126	72126
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72188	72188
72189	72189
72190	72190
72191	72191
72192	72192
72193	72193
72194	72194
72195	72195
72196	72196
72197	72197
72198	72198
72199	72199
72200	72200

# Global Vaccination Stats by Continent














Average of Total Vaccinations for each Continent. Color shows details about sum of People Vaccinated.

## Highest Vaccination Rates by Country



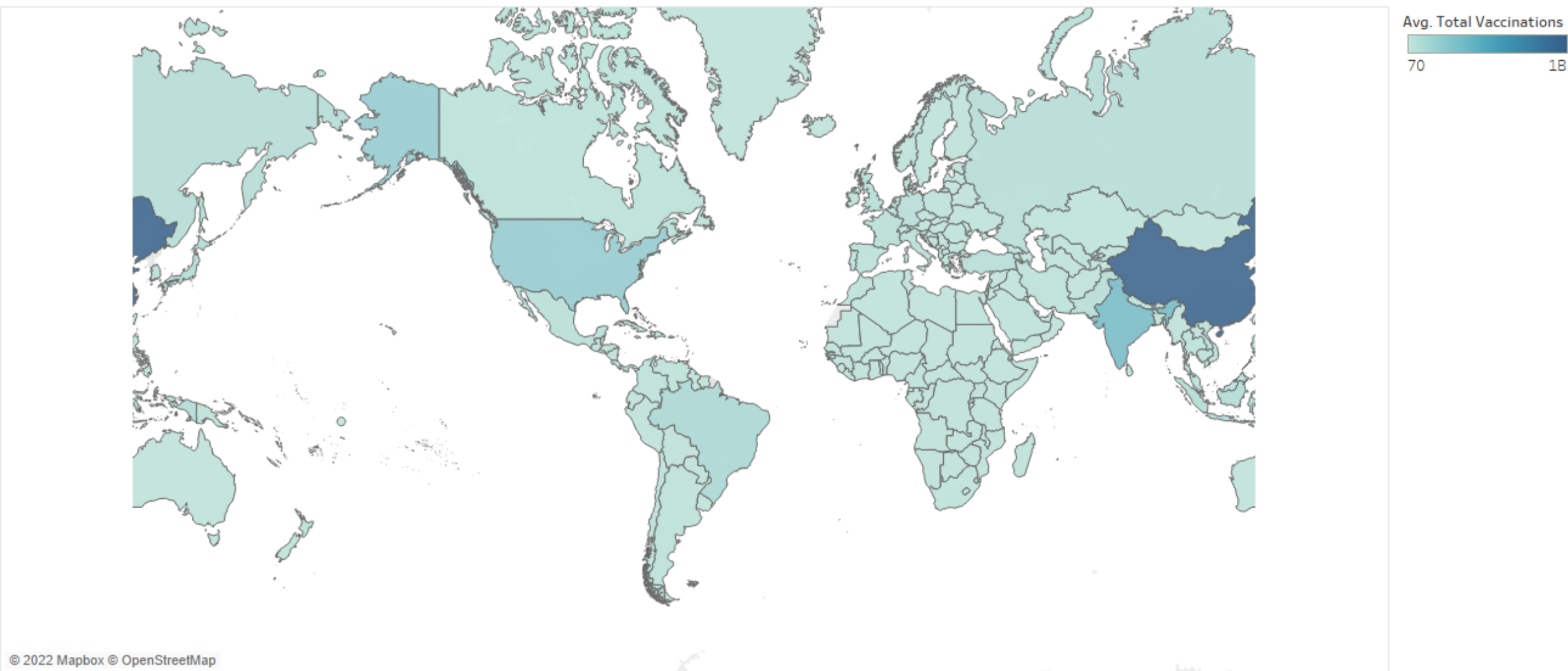
Average of People Vaccinated Per Hundred for each Location. The marks are labeled by average of People Vaccinated Per Hundred. The view is filtered on average of People Vaccinated Per Hundred, which ranges from 50.00 to 88.49.

## Top 10 Countries: Highest Case Records

Location	Avg. Population			New Cases
United States	332,915,074		33,599,144	 3,167,546 33,599,144
India	1,393,409,033		22,675,877	
Brazil	213,993,441		13,571,894	
United Kingdom	68,207,114		7,754,264	
Turkey	85,042,736		6,401,322	
France	67,564,251		5,951,074	
Russia	145,912,022		5,155,737	
Germany	83,900,471		4,849,902	
Argentina	45,605,823		3,481,624	
Italy	60,367,471		3,167,546	

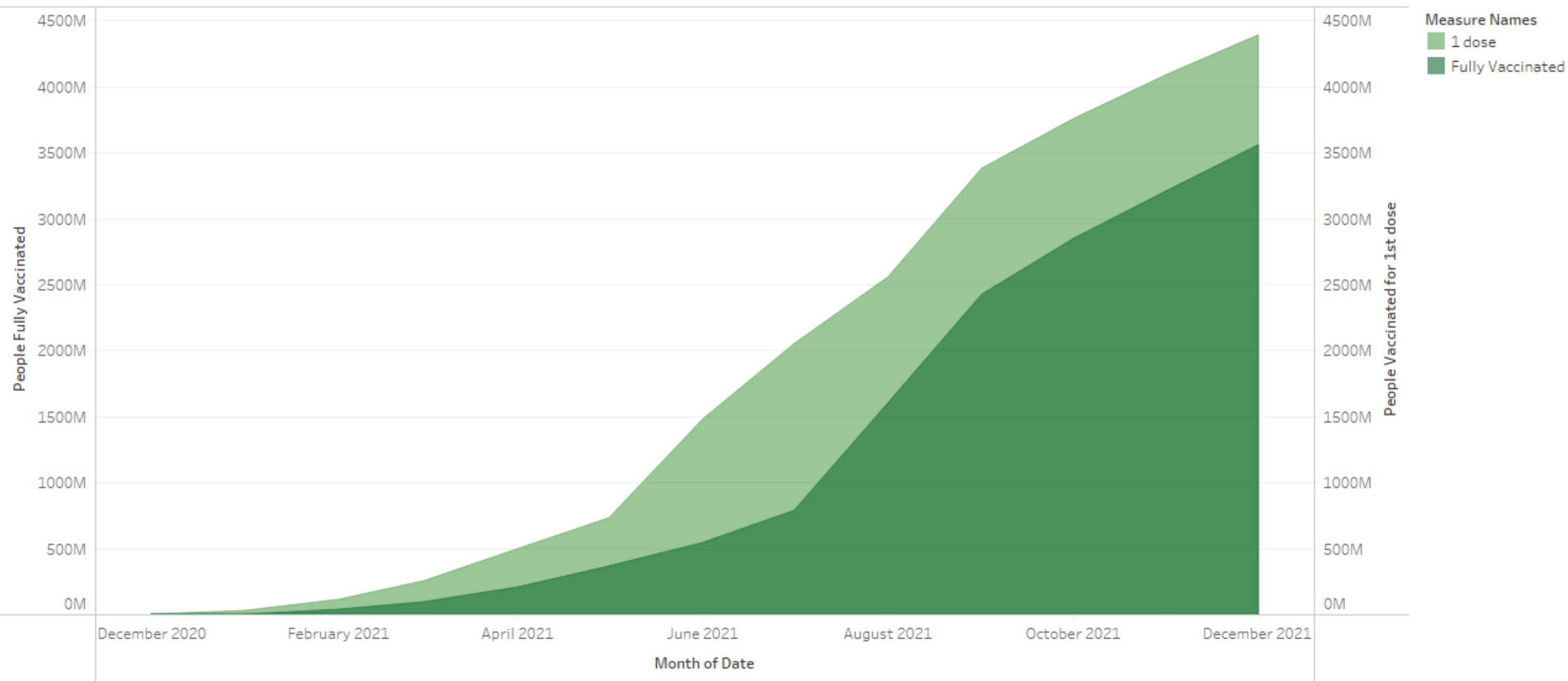
Sum of New Cases broken down by Location and average of Population. Color shows sum of New Cases. The marks are labeled by sum of New Cases. The view is filtered on Location, which keeps 10 members.

## World Vaccination Data



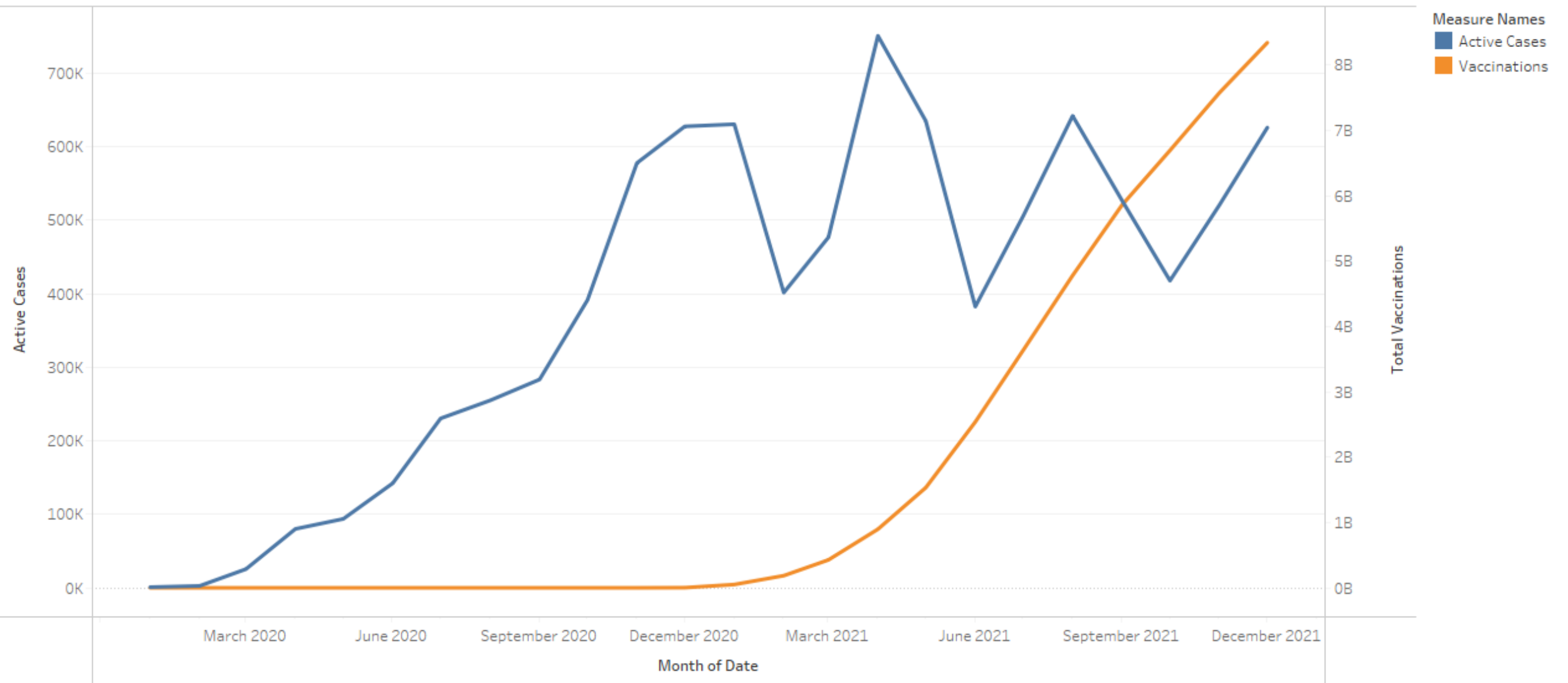
Map based on Longitude (generated) and Latitude (generated). Color shows average of Total Vaccinations. Details are shown for Location. The data is filtered on Iso Code, which excludes 15 members. The view is filtered on Latitude (generated) and Longitude (generated). The Latitude (generated) filter keeps non-Null values only. The Longitude (generated) filter keeps non-Null values only.

## Fully Vs One dose



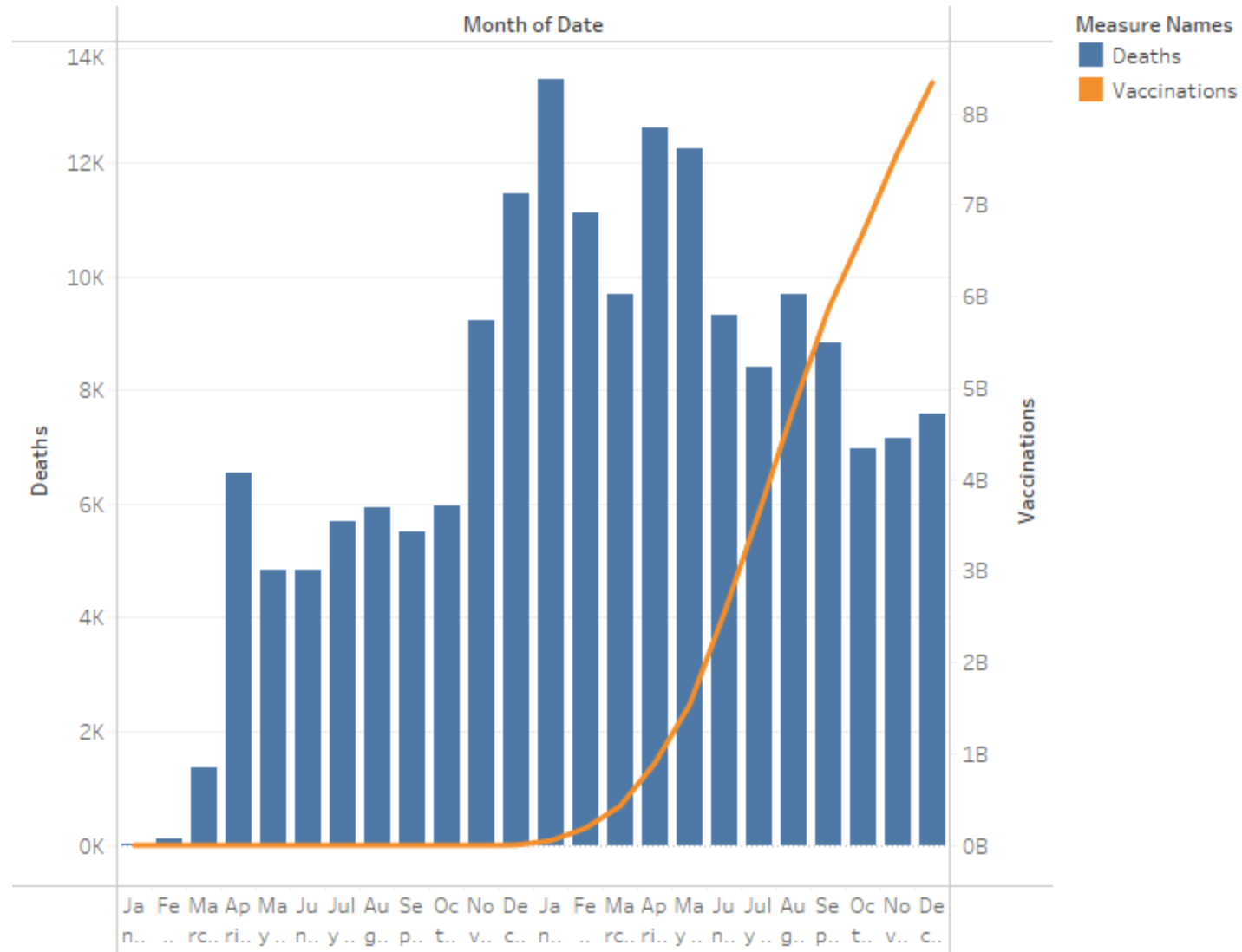
The plots of Fully Vaccinated and 1 dose for Date Month. Color shows details about Fully Vaccinated and 1 dose. The data is filtered on Iso Code and sum of People Fully Vaccinated. The Iso Code filter keeps OWID\_WRL. The sum of People Fully Vaccinated filter keeps non-Null values only.

## Active cases VS Total Vaccinations



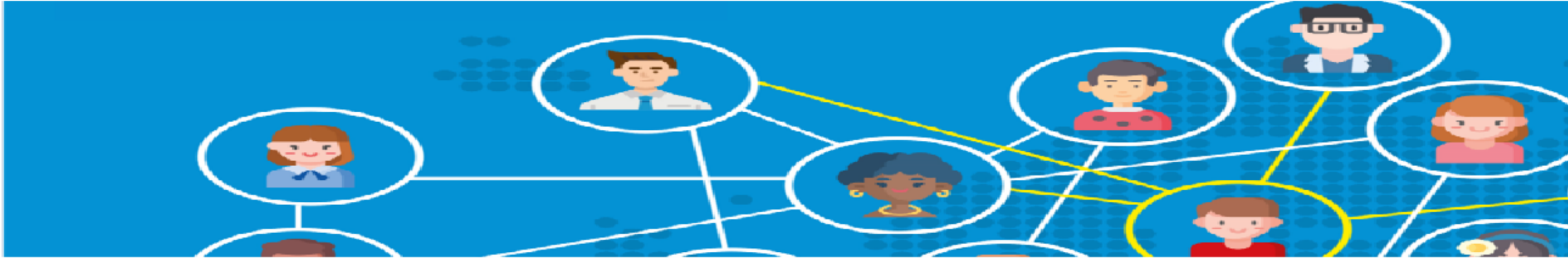
The trends of Active Cases and Vaccinations for Date Month. Color shows details about Active Cases and Vaccinations. The data is filtered on Iso Code, which keeps OWID\_WRL.

## Vaccination Vs Death



The trends of Deaths and Vaccinations for Date Month. Color shows details about Deaths and Vaccinations. The data is filtered on Iso Code, which keeps OWID\_WRL.



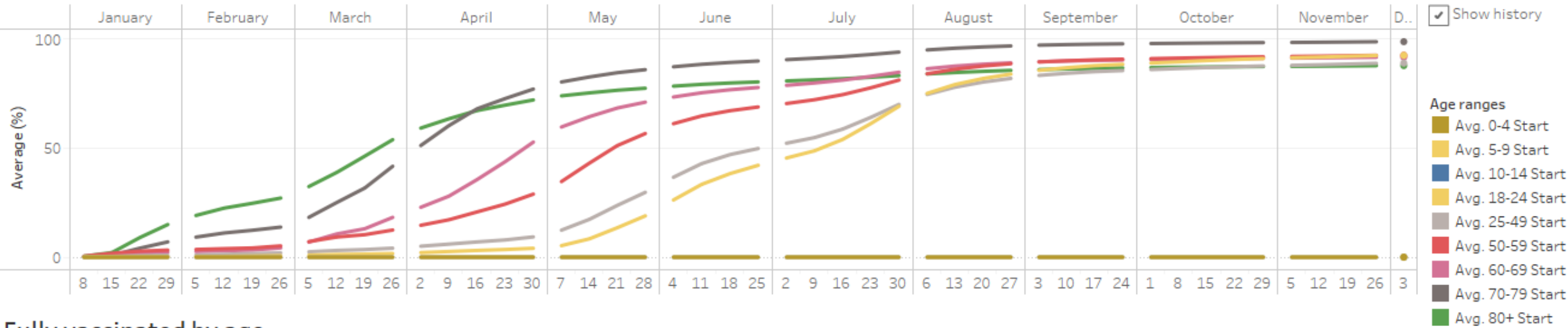


## Vaccination by age

COVID-19 does not distinguish between gender, current situation or age. It is just continuously spreading out among society and it tries to survive in the hosted body causing on some occasions people's death. Therefore, countries all around the world have prioritized more vulnerable people to get vaccinated as soon as possible to prevent those fatal scenarios.

In the following graphs, it can be observed the strategy that some of the countries have followed to cover each age range and the timeframe they have taken to have people fully vaccinated.

What percentage of people in each age range received the COVID-19 vaccine?

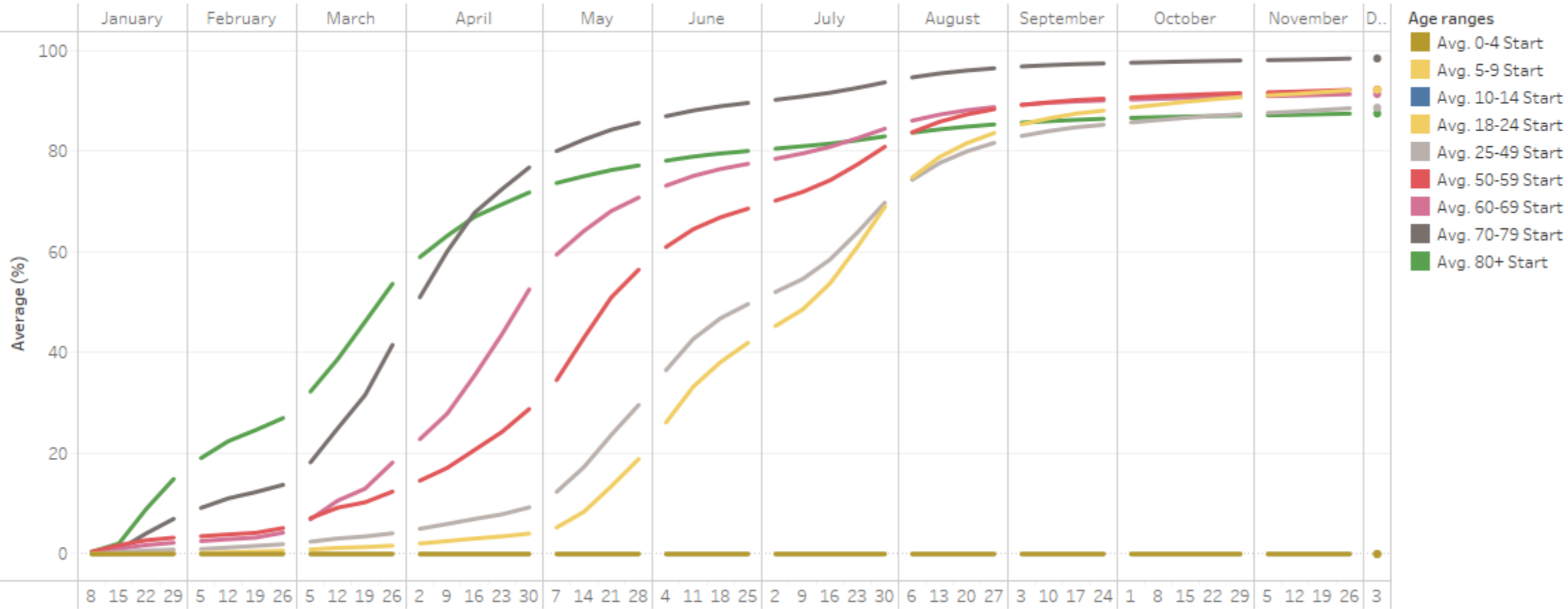


Fully vaccinated by age



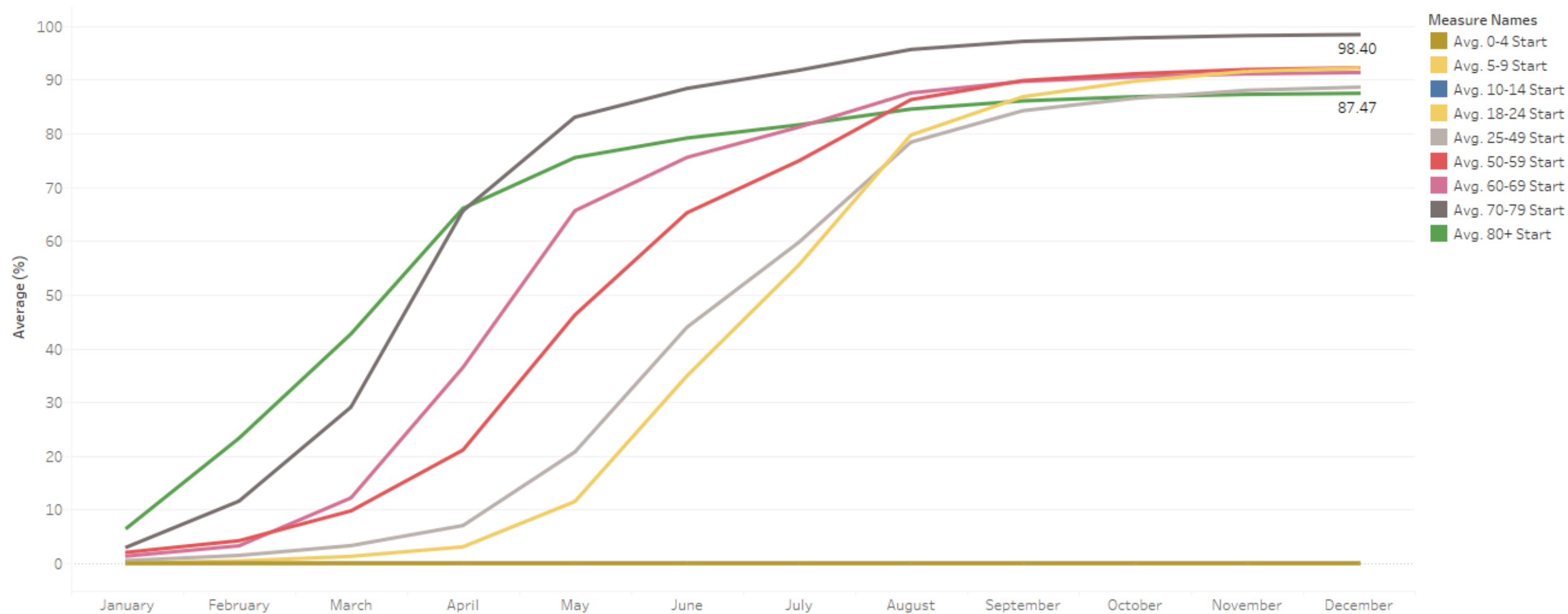
The following chart shows the share of the population in each age group that are fully vaccinated against COVID-19. This represents the share that have received all doses prescribed by the vaccination protocol.

What percentage of people in each age range received the COVID-19 vaccine?



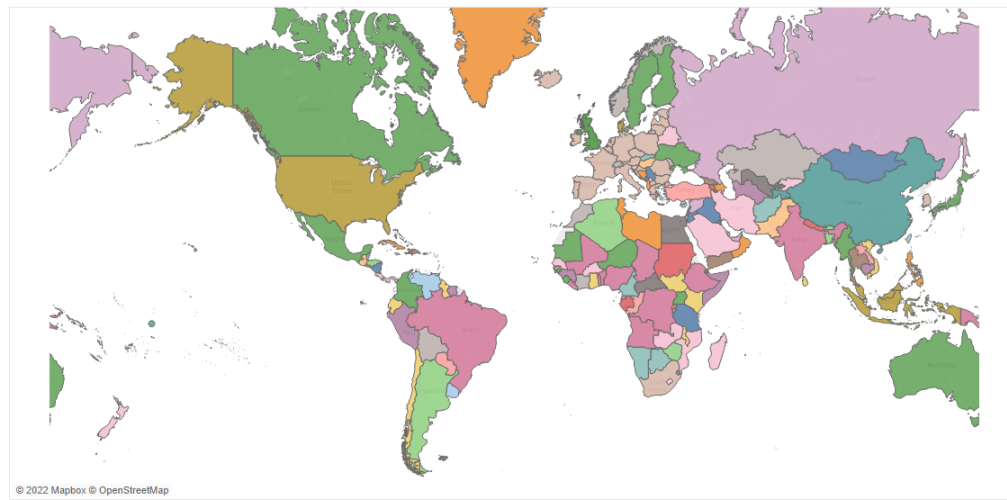
The following chart shows the share of the population in each age group that are fully vaccinated against COVID-19. This represents the share that have received all doses prescribed by the vaccination protocol.

## Fully vaccinated by age



The following chart shows the share of the population in each age group that are fully vaccinated against COVID-19. This represents the share that have received all doses prescribed by the vaccination protocol.

# Vaccine popularity by country



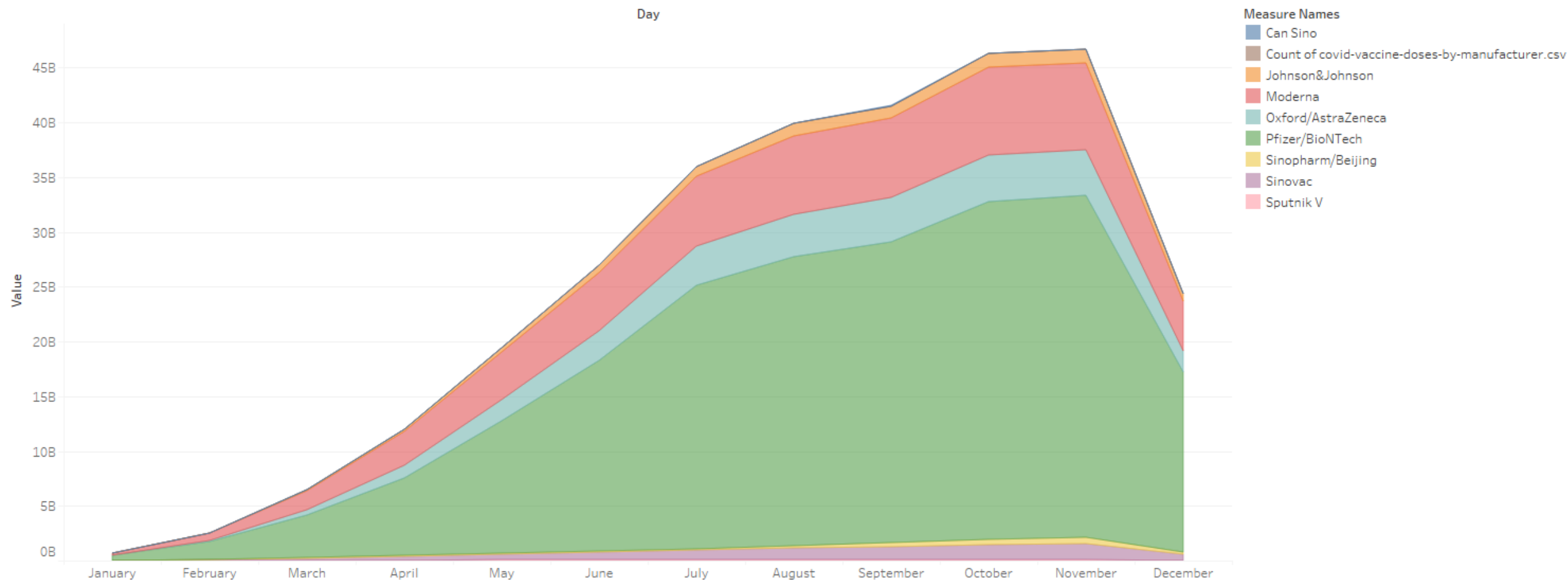
Map based on Longitude (generated) and Latitude (generated). Color shows details about Vaccines. Size shows sum of Total Vaccinations. Details are shown for Country.

Total Vaccinations  
248  
100,000,000,000  
200,000,000,000  
300,000,000,000  
393,598,489,700

## Vaccines

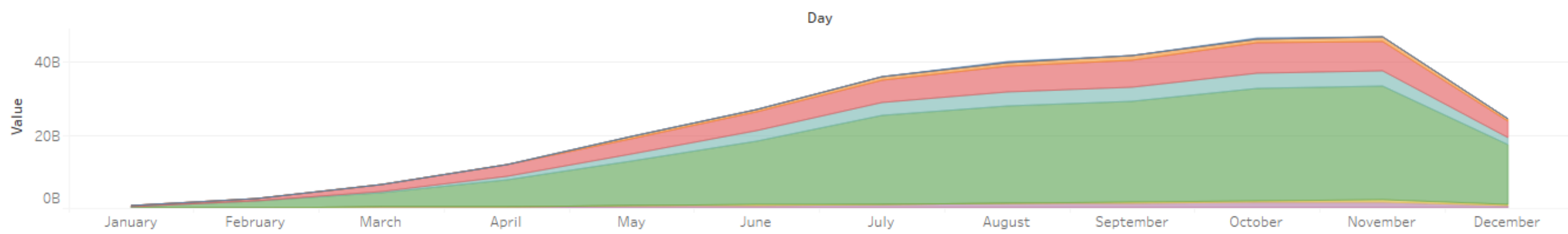
- Abdala, Johnson&Johnson, Oxford/AstraZeneca, Pfizer/BioNTech, Soberana02, Sputnik Light, Sputnik V
- Abdala, Sinopharm/Beijing, Sinovac, Sputnik V
- Abdala, Soberana02
- CanSino, Covaxin, Moderna, Oxford/AstraZeneca, Pfizer/BioNTech, Sinopharm/Beijing, Sinovac, Sputnik V
- CanSino, Johnson&Johnson, Moderna, Oxford/AstraZeneca, Pfizer/BioNTech, Sinovac, Sputnik V
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- CanSino, Oxford/AstraZeneca, Pfizer/BioNTech, Sinovac
- CanSino, Sinopharm/Beijing, Sinopharm/Wuhan, Sinovac, ZF2001
- Covaxin, Johnson&Johnson, Moderna, Oxford/AstraZeneca, Pfizer/BioNTech, Sinovac
- Covaxin, Johnson&Johnson, Oxford/AstraZeneca, Pfizer/BioNTech, Sinopharm/Beijing, Sputnik V
- Covaxin, Moderna, Oxford/AstraZeneca, Pfizer/BioNTech, Sinopharm/Beijing, Sinovac, Sputnik V
- Covaxin, Oxford/AstraZeneca
- Covaxin, Oxford/AstraZeneca, Sinopharm/Beijing
- Covaxin, Oxford/AstraZeneca, Sputnik V
- COVIRan Barekat, Covaxin, Oxford/AstraZeneca, Sinopharm/Beijing, Soberana02, Sputnik V
- EpiVacCorona, Oxford/AstraZeneca, Sinopharm/Beijing, Sputnik V
- EpiVacCorona, Sputnik V
- Johnson&Johnson, Moderna
- Johnson&Johnson, Moderna, Oxford/AstraZeneca, Pfizer/BioNTech
- Johnson&Johnson, Moderna, Oxford/AstraZeneca, Pfizer/BioNTech, Sinopharm/Beijing
- Johnson&Johnson, Moderna, Oxford/AstraZeneca, Pfizer/BioNTech, Sinopharm/Beijing, Sinovac, Sputnik Light, Sputnik V
- Johnson&Johnson, Moderna, Oxford/AstraZeneca, Pfizer/BioNTech, Sinopharm/Beijing, Sinovac, Sputnik V
- Johnson&Johnson, Moderna, Oxford/AstraZeneca, Pfizer/BioNTech, Sinopharm/Beijing, Sputnik V
- Johnson&Johnson, Moderna, Oxford/AstraZeneca, Pfizer/BioNTech, Sinovac
- Johnson&Johnson, Moderna, Oxford/AstraZeneca, Pfizer/BioNTech, Sputnik V
- Johnson&Johnson, Moderna, Pfizer/BioNTech
- Johnson&Johnson, Oxford/AstraZeneca
- Johnson&Johnson, Oxford/AstraZeneca, Pfizer/BioNTech
- Johnson&Johnson, Oxford/AstraZeneca, Pfizer/BioNTech, Sinopharm/Beijing
- Johnson&Johnson, Oxford/AstraZeneca, Pfizer/BioNTech, Sinopharm/Beijing, Sinovac
- Johnson&Johnson, Oxford/AstraZeneca, Pfizer/BioNTech, Sinopharm/Beijing, Sinovac, Sputnik Light, Sputnik V
- Johnson&Johnson, Oxford/AstraZeneca, Pfizer/BioNTech, Sinopharm/Beijing, Sinovac, Sputnik V
- Johnson&Johnson, Oxford/AstraZeneca, Pfizer/BioNTech, Sinopharm/Beijing, Sputnik V
- Johnson&Johnson, Oxford/AstraZeneca, Pfizer/BioNTech, Sinovac
- Johnson&Johnson, Oxford/AstraZeneca, Sinopharm/Beijing
- Johnson&Johnson, Oxford/AstraZeneca, Sinopharm/Beijing, Sinovac
- Johnson&Johnson, Oxford/AstraZeneca, Sinopharm/Beijing, Sinovac, Sputnik Light, Sputnik V
- Johnson&Johnson, Oxford/AstraZeneca, Sinovac
- Johnson&Johnson, Pfizer/BioNTech
- Johnson&Johnson, Pfizer/BioNTech, Sinopharm/Beijing
- Medigen, Moderna, Oxford/AstraZeneca, Pfizer/BioNTech
- Moderna
- Moderna, Oxford/AstraZeneca
- Moderna, Oxford/AstraZeneca, Pfizer/BioNTech
- Moderna, Oxford/AstraZeneca, Pfizer/BioNTech, Sinopharm/Beijing
- Moderna, Oxford/AstraZeneca, Pfizer/BioNTech, Sinopharm/Beijing, Sinovac
- Moderna, Oxford/AstraZeneca, Pfizer/BioNTech, Sinopharm/Beijing, Sputnik V
- Moderna, Oxford/AstraZeneca, Pfizer/BioNTech, Sinovac, Sputnik V
- Moderna, Oxford/AstraZeneca, Pfizer/BioNTech, Sputnik V
- Moderna, Oxford/AstraZeneca, Sinopharm/Beijing, Sinovac, Sputnik V
- Moderna, Oxford/AstraZeneca, Sinopharm/Beijing, Sputnik V
- Moderna, Oxford/AstraZeneca, Sputnik V, ZF2001
- Moderna, Pfizer/BioNTech
- Oxford/AstraZeneca
- Oxford/AstraZeneca, Pfizer/BioNTech
- Oxford/AstraZeneca, Pfizer/BioNTech, Sinopharm/Beijing
- Oxford/AstraZeneca, Pfizer/BioNTech, Sinopharm/Wuhan, Sputnik V
- Oxford/AstraZeneca, Pfizer/BioNTech, Sinopharm/Beijing, Sinovac
- Oxford/AstraZeneca, Pfizer/BioNTech, Sinopharm/Beijing, Sinovac, Sputnik V
- Oxford/AstraZeneca, Pfizer/BioNTech, Sinopharm/Beijing, Sputnik V
- Oxford/AstraZeneca, Pfizer/BioNTech, Sinovac
- Oxford/AstraZeneca, Pfizer/BioNTech, Sinovac, Sputnik V
- Oxford/AstraZeneca, Pfizer/BioNTech, Sputnik V
- Oxford/AstraZeneca, Sinopharm/Beijing
- Oxford/AstraZeneca, Sinopharm/Beijing, Sinovac, Sputnik V
- Oxford/AstraZeneca, Sinopharm/Beijing, Sputnik V
- Oxford/AstraZeneca, Sputnik V
- Pfizer/BioNTech
- Pfizer/BioNTech, Sinopharm/Beijing
- Pfizer/BioNTech, Sinopharm/Beijing, Sputnik V
- Pfizer/BioNTech, Sinovac
- Pfizer/BioNTech, Sputnik V
- QazVac, Sinopharm/Beijing, Sputnik V
- Sinopharm/Beijing
- Sinopharm/Beijing, Sputnik V
- Sputnik V

## Vaccine popularity by supplier

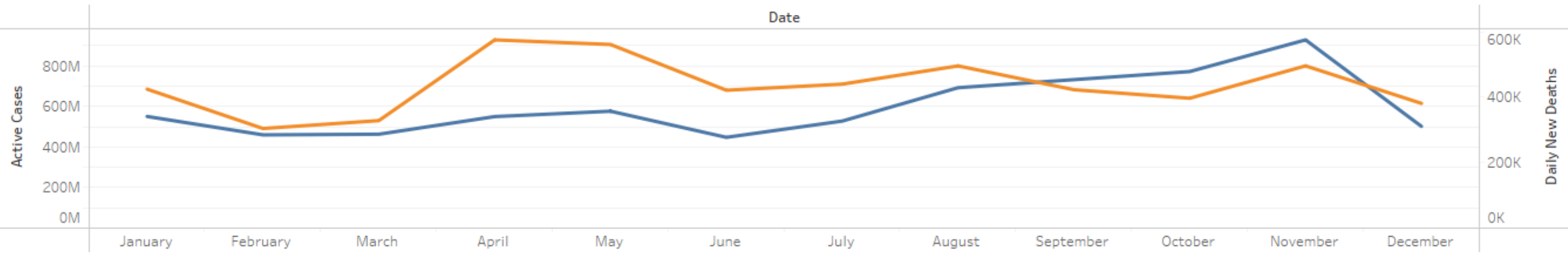


Can Sino, Johnson&Johnson, Moderna, Oxford/AstraZeneca, Pfizer/BioNTech, Sinopharm/Beijing, Sinovac, Sputnik V and count of covid-vaccine-doses-by-manufacturer.csv for each Day Month. Color shows details about Can Sino, Johnson&Johnson, Moderna, Oxford/AstraZeneca, Pfizer/BioNTech, Sinopharm/Beijing, Sinovac, Sputnik V and count of covid-vaccine-doses-by-manufacturer.csv.

Vaccine popularity by supplier



Active & Death Cases over the Period



- Measure Names
- Can Sino
  - Johnson&Johns..
  - Oxford/AstraZe..
  - Sinopharm/Beij..
  - Sputnik V
  - Count of covid-v..
  - Moderna
  - Pfizer/BioNTech
  - Sinovac

- Measure Names
- Active Cases
  - Daily New Deaths

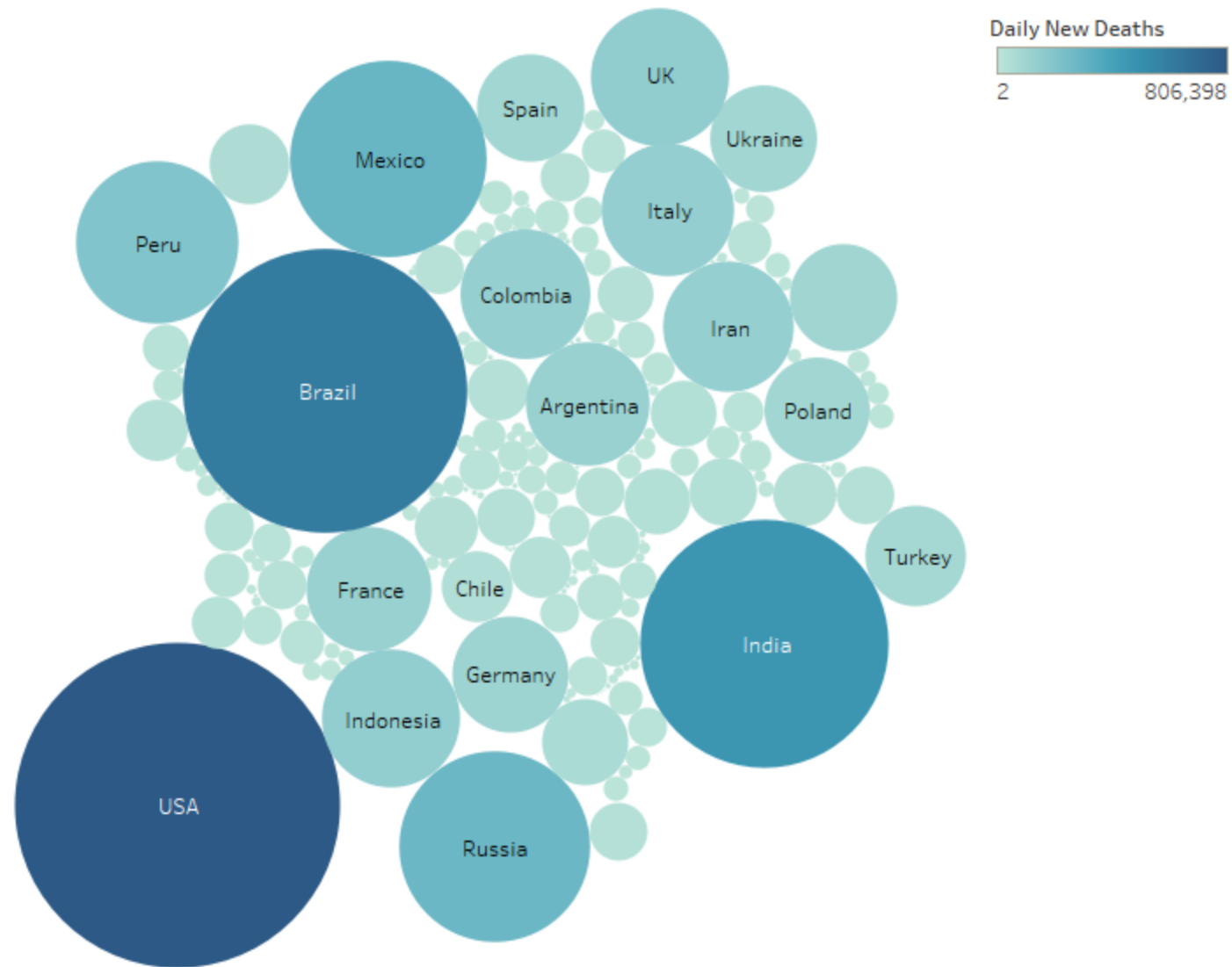
## Daily New Cases



Map based on Longitude (generated) and Latitude (generated). Size shows sum of Active Cases. Details are shown for Country.



## Daily New Death Cases



Country. Color shows sum of Daily New Deaths. Size shows sum of Daily New Deaths. The marks are labeled by Country.

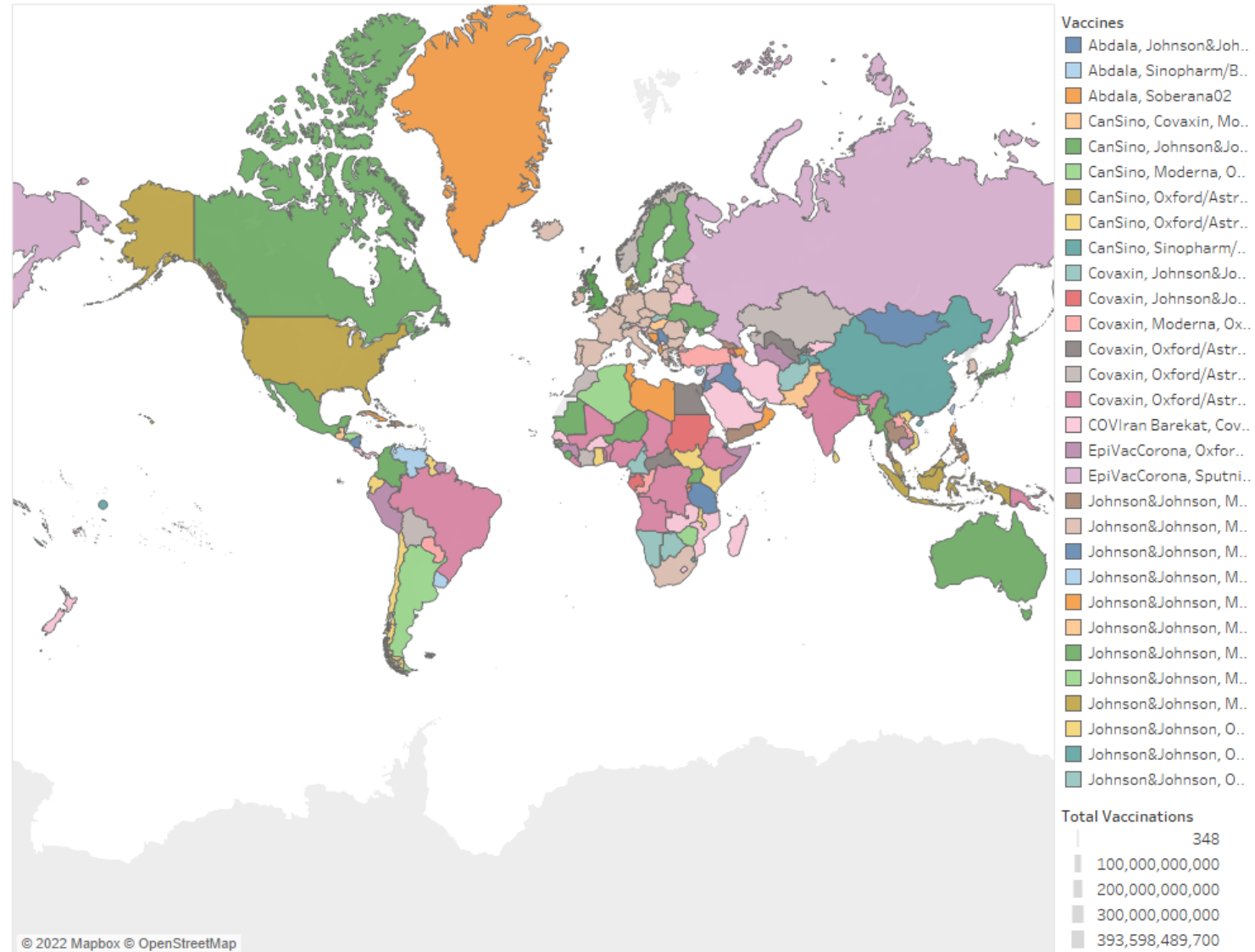
## Vaccine Popularity by Supplier Analysis

Worldwide Covid-19 vaccine distribution in terms of manufacturer.

This visualization represents vaccine supplier and number of supply provided around the world.

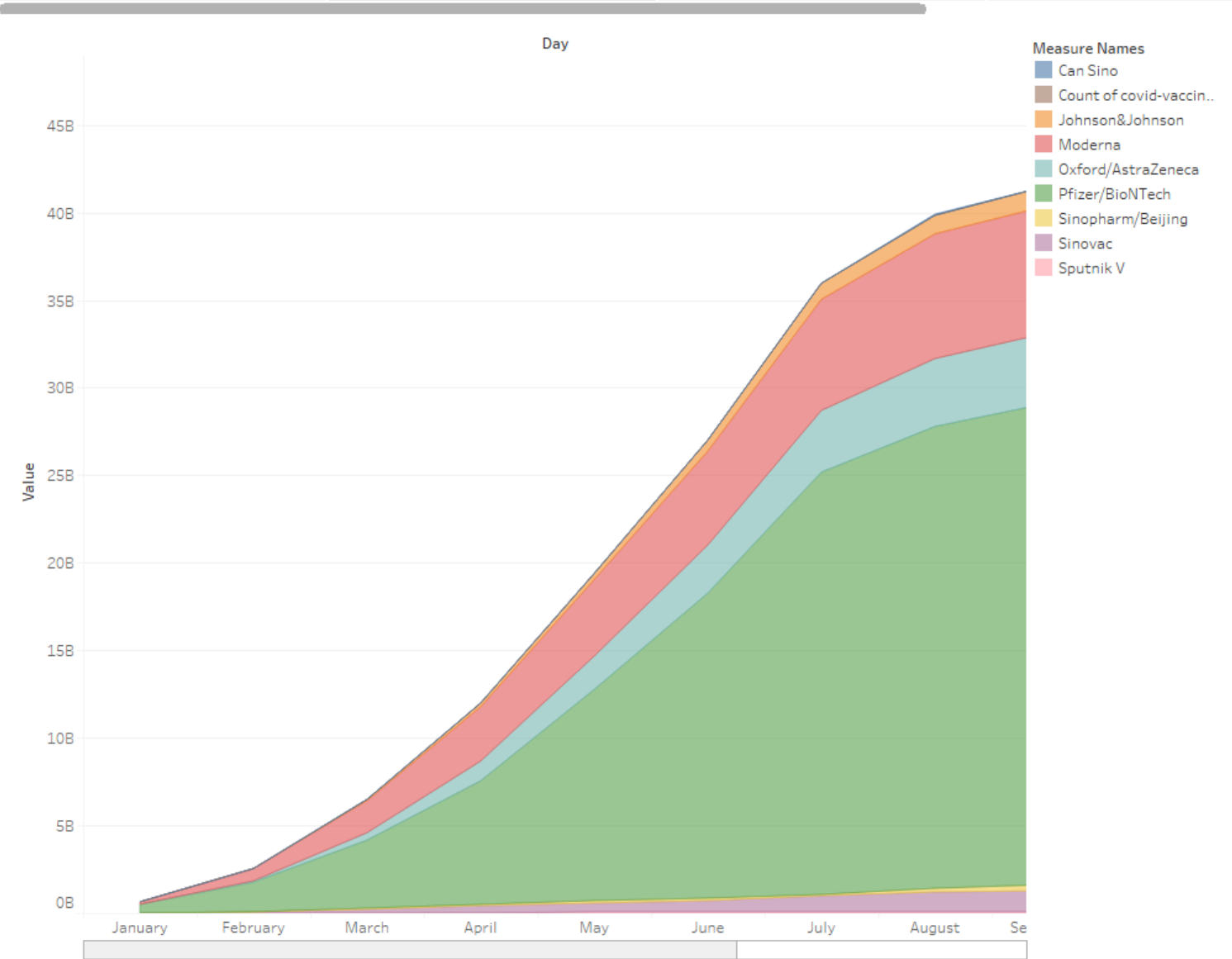
Visual comparison of vaccination Vs Active and Death cases over the period.

Current daily active cases per seven days.



Vaccine Popularity by Supplier Analysis

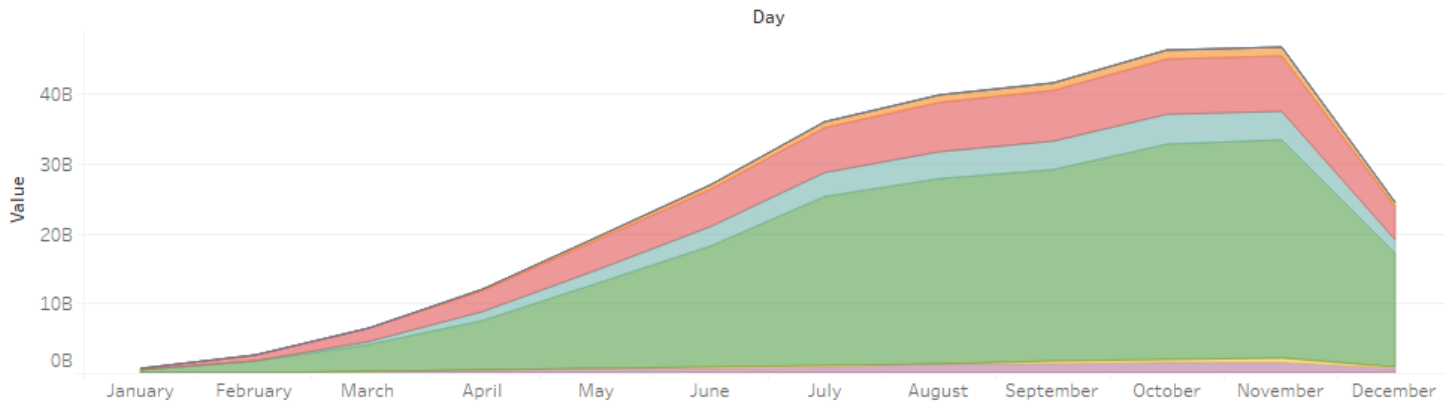
Worldwide Covid-19 vaccine distribution in terms of manufacturor.	This visulizationalization represents vaccine supplier and number of supply provided around the world.	Visual comparison of vaccination Vs Active and Death cases over the period.	Current daily active cases per seven days.
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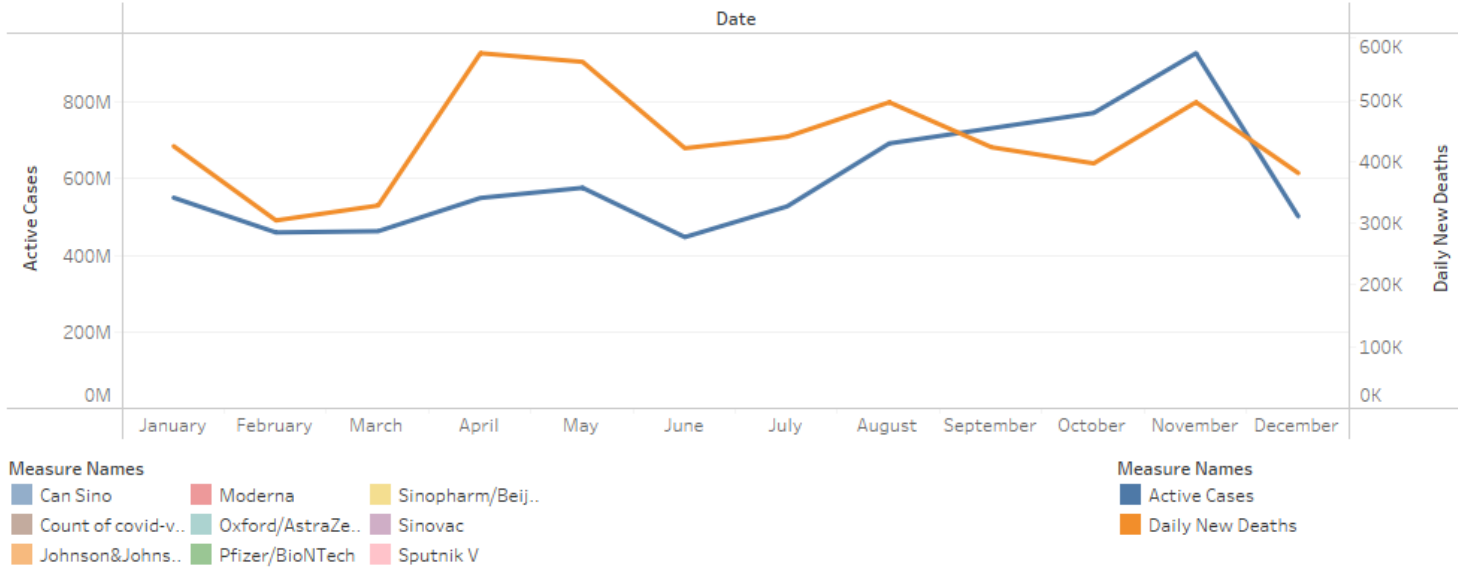
Vaccine Popularity by Supplier Analysis

Worldwide Covid-19 vaccine distribution in terms of manufacturo..	This visualization represents vaccine supplier and number of supply provided around the world.	Visual comparison of vaccination Vs Active and Death cases over the period.	Current daily active cases per seven days.	Current active death counts per seven days.
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Vaccine popularity by supplier



Active & Death Cases over the Period



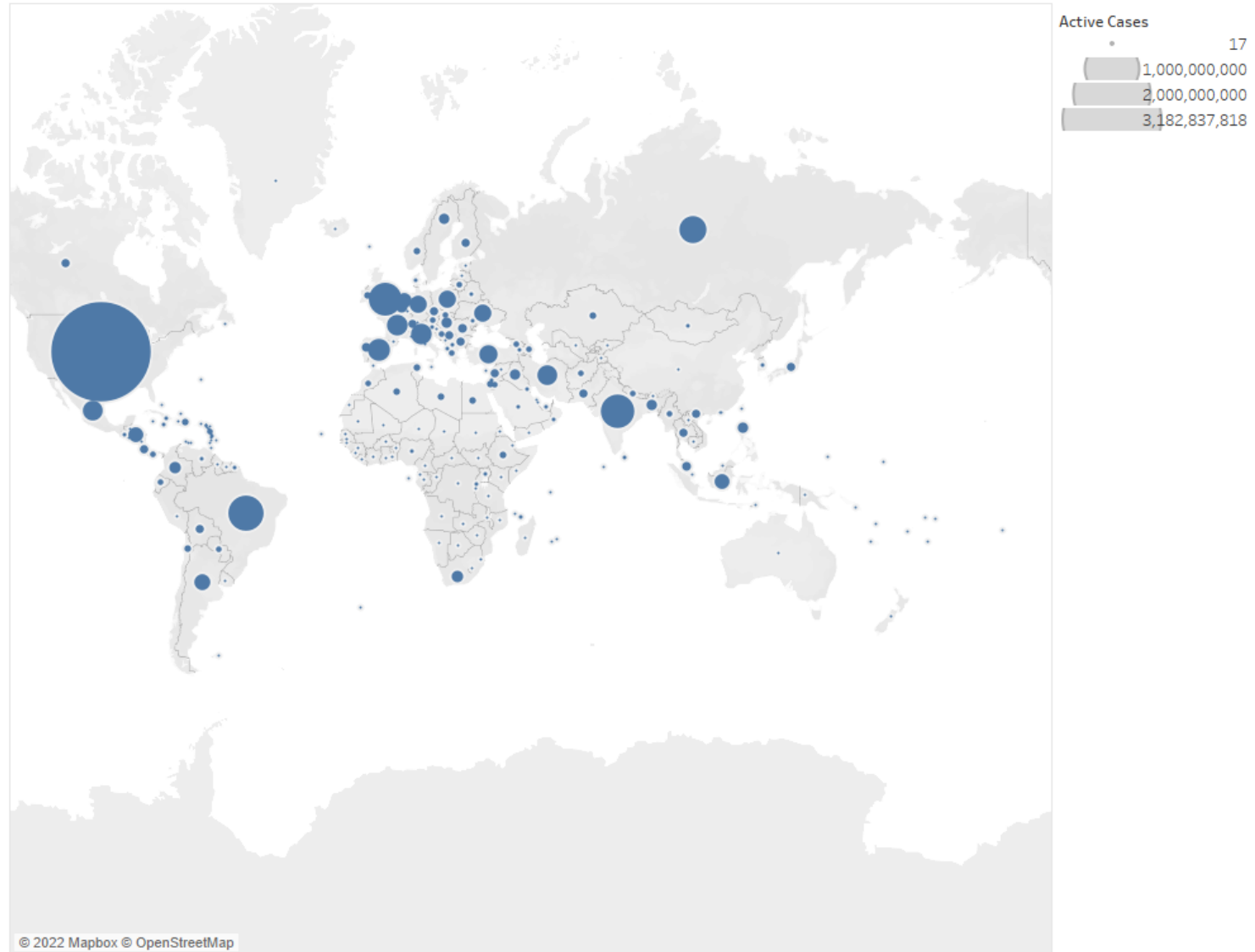
## Vaccine Popularity by Supplier Analysis

This visualization represents vaccine supplier and number of supply provided around the world.

Visual comparison of vaccination Vs Active and Death cases over the period.

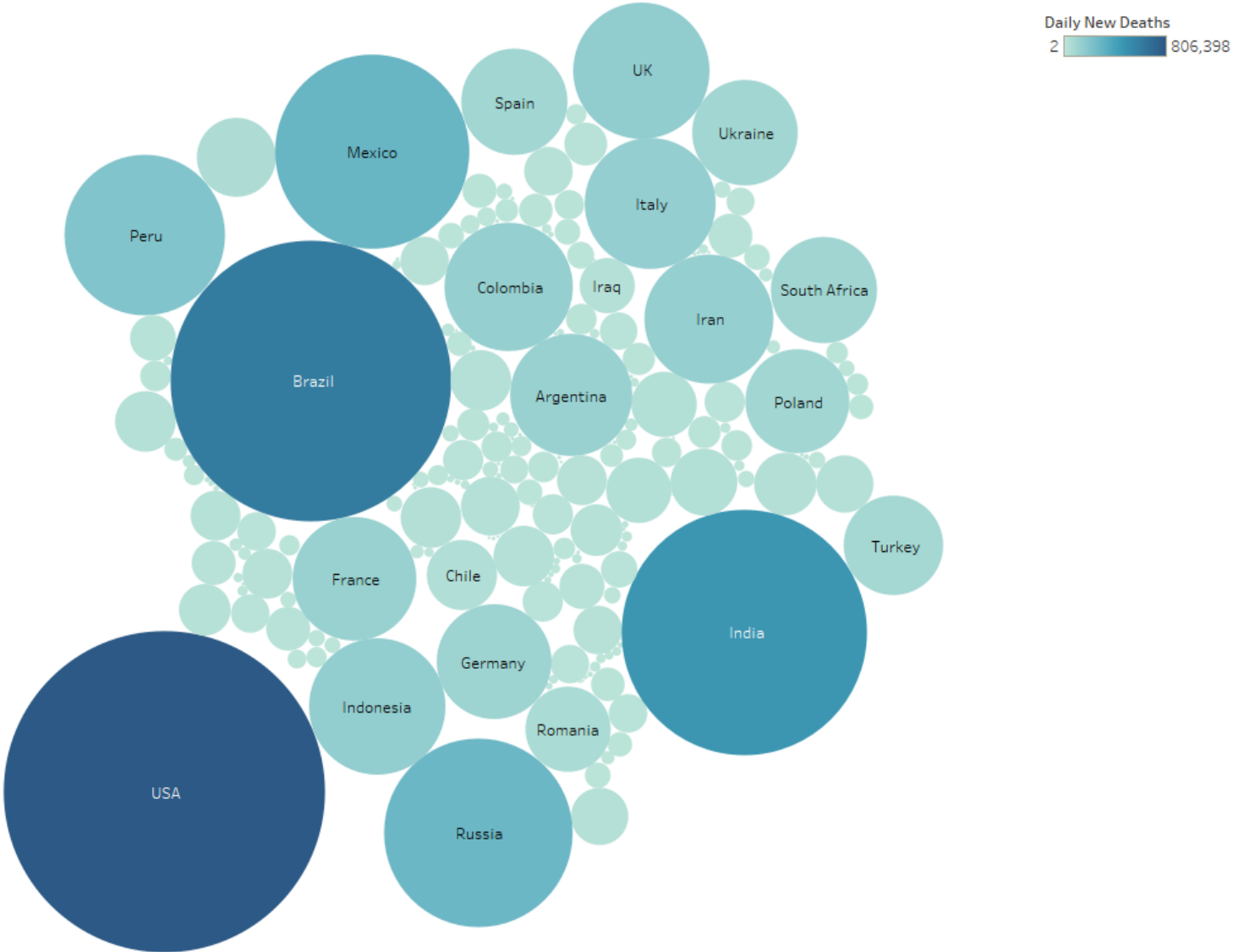
Current daily active cases per seven days.

Current active death counts per seven days.

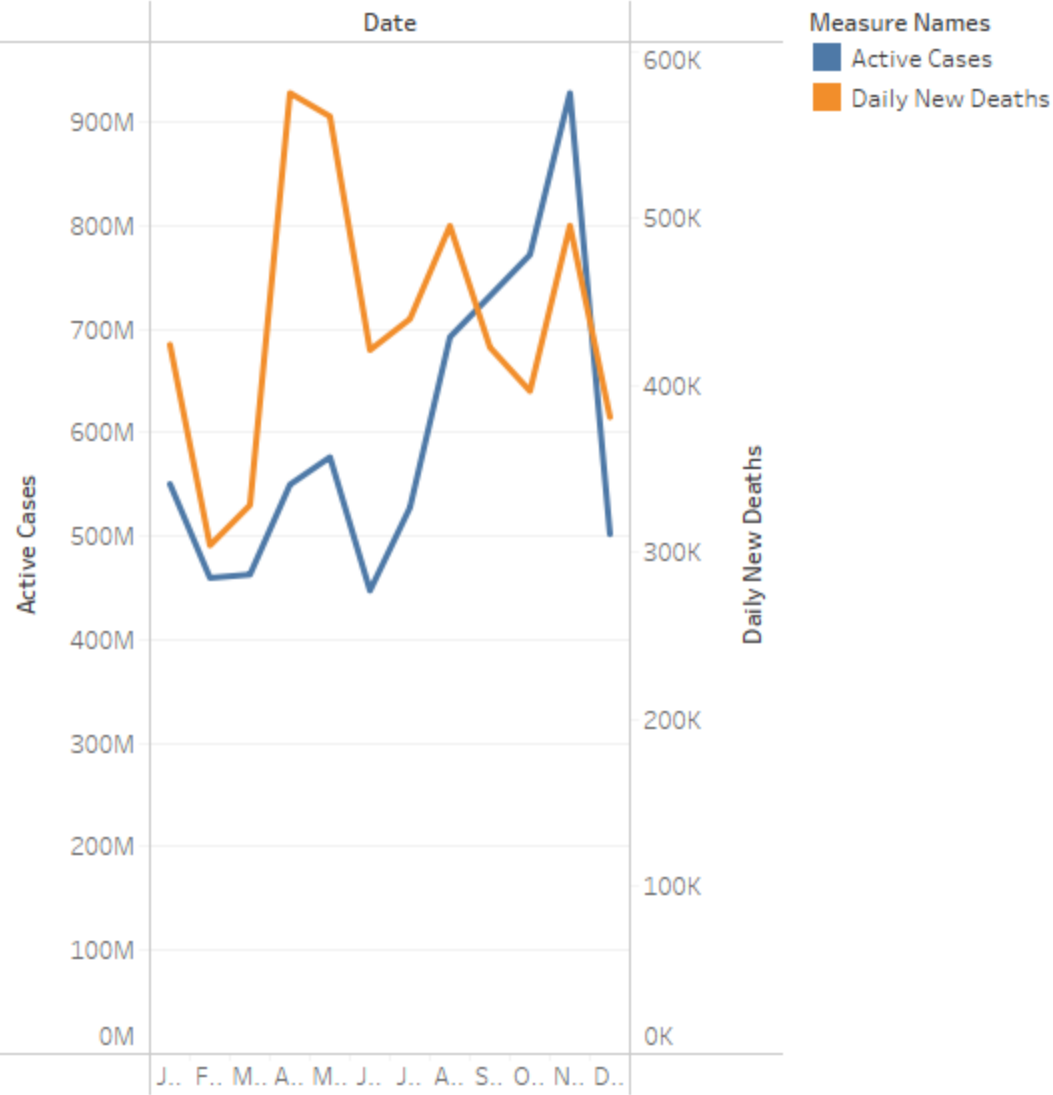


Vaccine Popularity by Supplier Analysis

This visualization represents vaccine supplier and number of supply provided around the world.	Visual comparison of vaccination Vs Active and Death cases over the period.	Current daily active cases per seven days.	Current active death counts per seven days.
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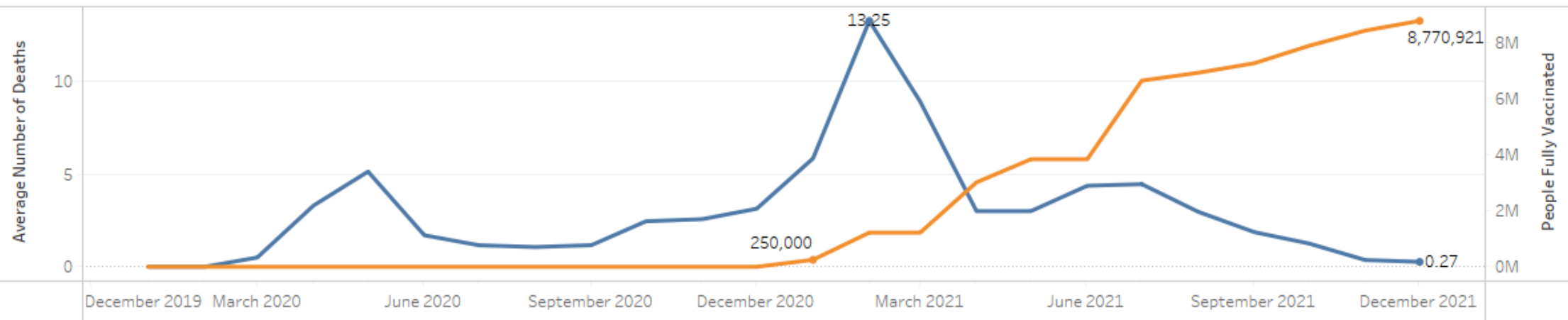


Active & Death Cases over the Period

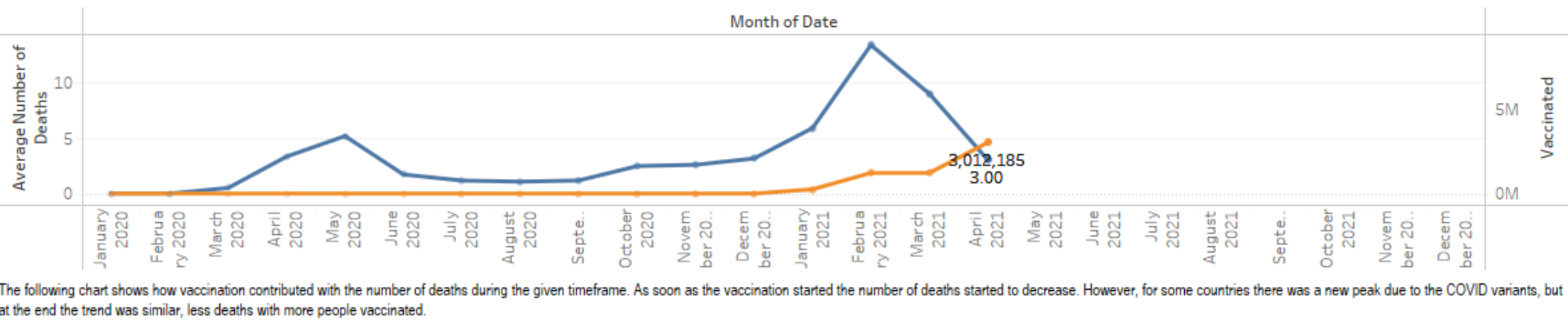


The trends of Active Cases and Daily New Deaths for Date Month. Color shows details about Active Cases and Daily New Deaths.

# How vaccination has contributed with the number of deaths?



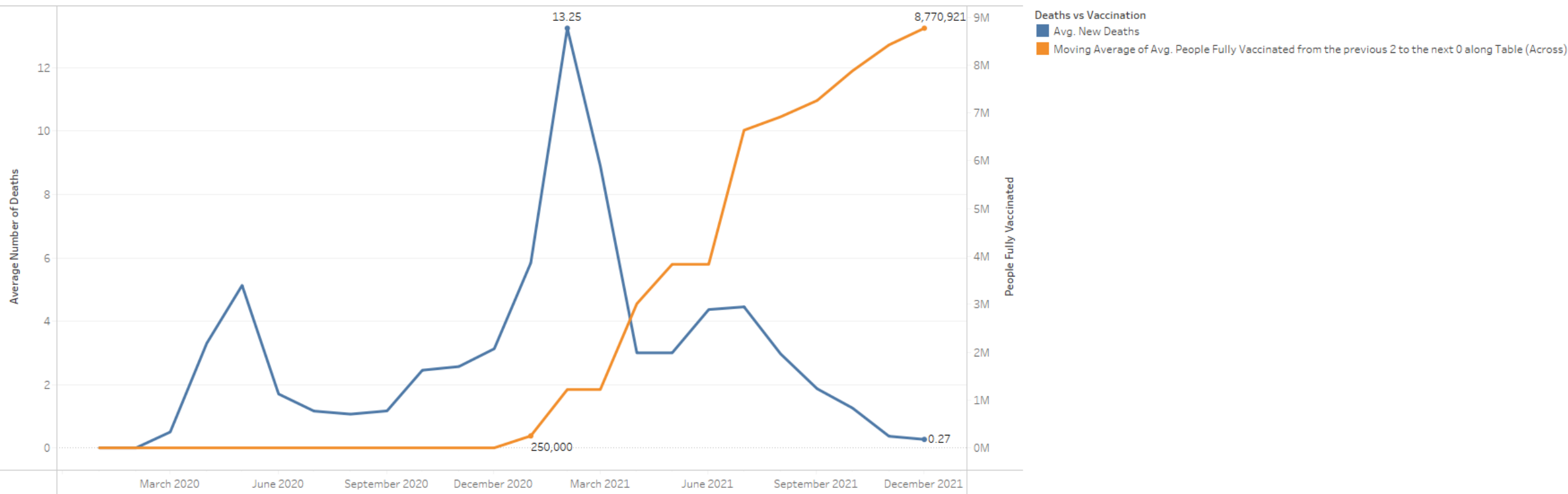
## Deaths vs Vaccination



The following chart shows how vaccination contributed with the number of deaths during the given timeframe. As soon as the vaccination started the number of deaths started to decrease. However, for some countries there was a new peak due to the COVID variants, but at the end the trend was similar, less deaths with more people vaccinated.

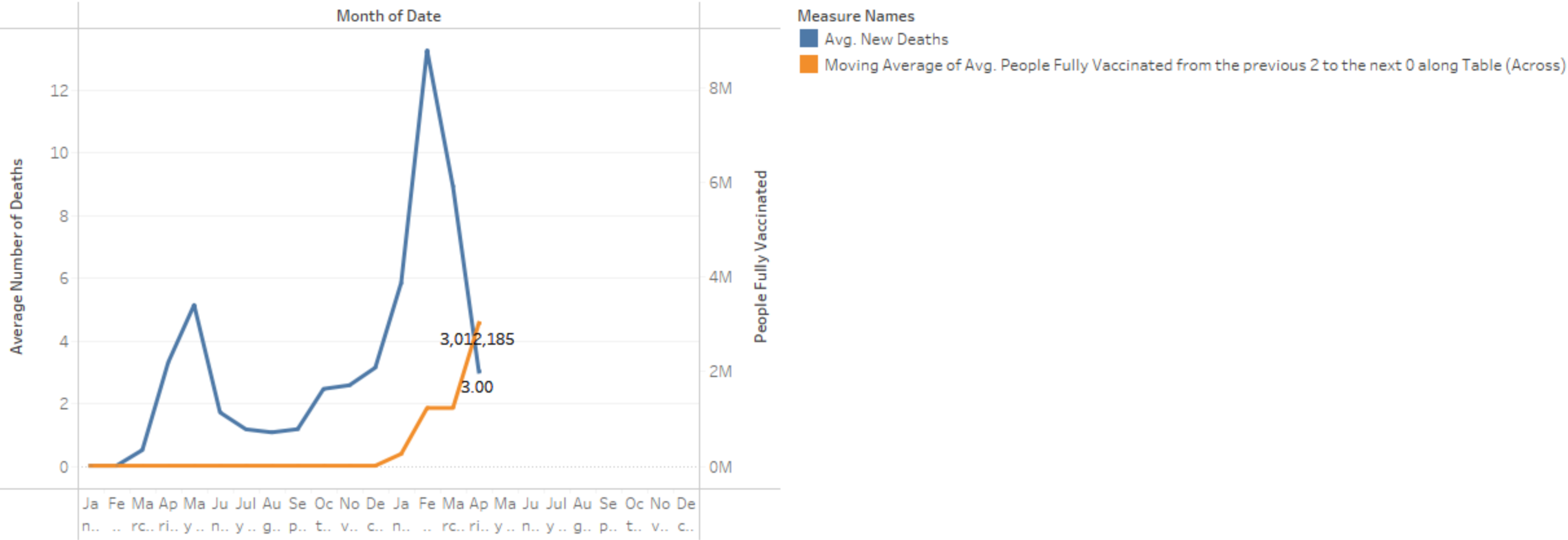


## How vaccination has contributed with the number of deaths?



The following chart shows the share of the population in each age group that are fully vaccinated against COVID-19. This represents the share that have received all doses prescribed by the vaccination protocol.

# Deaths vs Vaccination



The following chart shows how vaccination contributed with the number of deaths during the given timeframe. As soon as the vaccination started the number of deaths started to decrease. However, for some countries there was a new peak due to the COVID variants, but at the end the trend was similar, less deaths with more people vaccinated.



Nature human behavior, (2021, May 10). Source  
<https://www.nature.com/articles/s41562-021-01122-8>

ourworldindata, (2021, December 16). Source:  
<https://github.com/owid/covid-19-data/blob/master/public/data/vaccinations/locations.csv>  
<https://github.com/owid/covid-19-data/blob/master/public/data/vaccinations/locations.csv>  
<https://github.com/owid/covid-19-data/tree/master/public/data/vaccinations>

Gapminder, (2021, December 16). Source:  
<https://www.gapminder.org/data/documentation/gd003/>

Unite Nations, (2021, December 16). Source:  
<https://population.un.org/wpp/Download/Standard/Population/>