

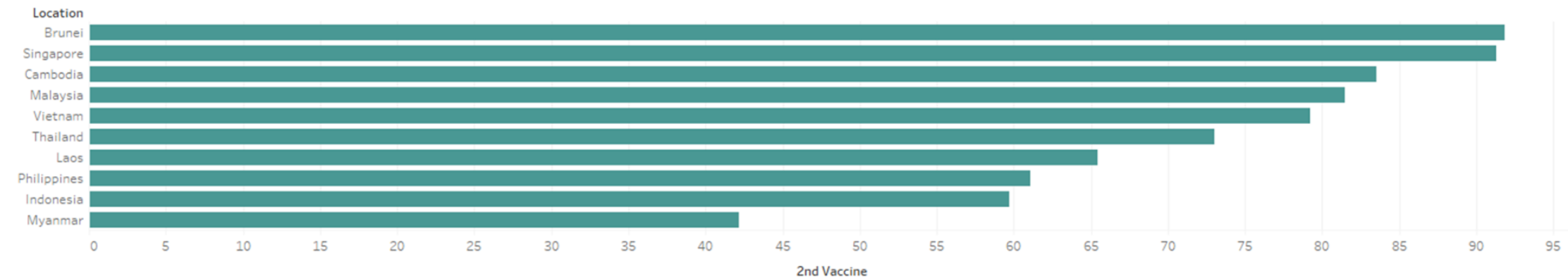
# Indonesia Position in South East Asia Covid-19 Comparation

## COMPARATION OF VACCINE PERCENTAGE WITH DEATH PERCENTAGE IN SOUTH EAST ASIA

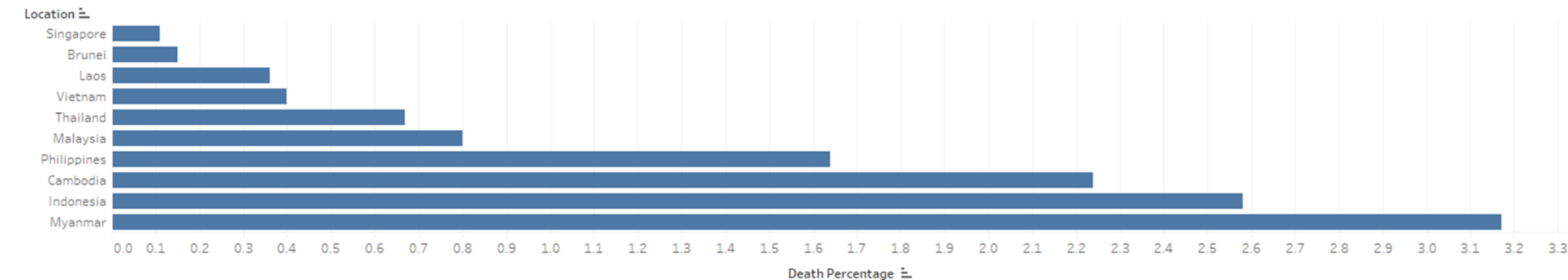
### COMPARATION SUMMARY

Brunei and Singapore has the smallest death percentage with the highest vaccine percentage meanwhile Indonesia and Myanmar has the highest death percentage with the smallest vaccine percentage, it shows that vaccine has significant role solving covid-19 disease

### Southeast Asia Second Vaccine Data Percentage of Population each Country



### Death percentage of the Last Covid-19 Case data Taken (2022-04-29)



# #09

Indonesia Position in Death Percentage and Vaccine Percentage in South East Asia

# 59%

Indonesia Vaccine Rate in Population

# 2,6%

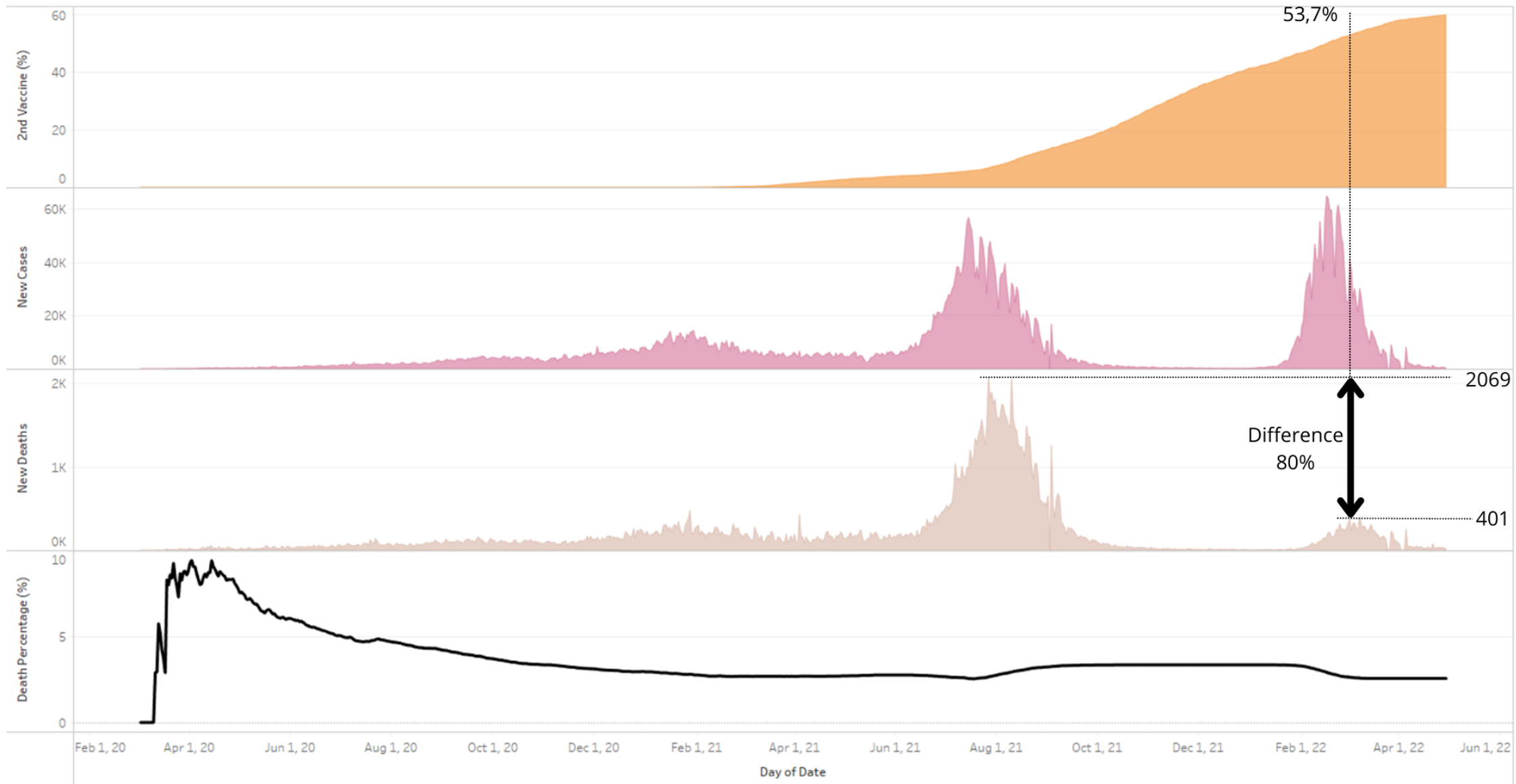
Indonesia Death Percentage in New cases from last Data Taken (2022-04-29)

# Vaccine Effect in Daily New Cases and New Deaths in Indonesia

## COMPARATION SUMMARY

Graph below shows that vaccine has significant effect in solving covid-19 disease, with 1st peak on 27 July 2021 amount of deaths is **2069** and 2nd peak after **49,75 %** population are vaccinated on 16 February 2022 is **167**, and the difference from 1st peak and 2nd peak is **92%**

Indonesia 2nd Vaccine Comparation with New Cases, New Deaths, and Death Percentage Each Day



# SQL Queries to Find Related Graph and Insight in Covid-19 Data

```
--South East Asia Second Vaccine Data Percentage of Population each Country
select distinct a.location, round(max(b.people_fully_vaccinated/a.population)*100, 2) as '2nd vaccine', round(max(b.total_boosters/a.population)*100,2) as '3rd vaccine'
from portofolio_project..covid1 a left join portofolio_project..covid2 b on a.data_number = b.data_number
where a.location like 'indonesia' or a.location like 'malaysia' or location like 'thailand' or a.location like 'vietnam' or a.location like 'myanmar'
or a.location like 'singapore' or location like 'laos' or a.location like 'cambodia' or a.location like 'brunei%' or a.location like 'phil%'
group by a.location, b.population_density
order by '2nd vaccine' desc
```

```
--Death Percentage of The Last Covid-19 Case Data Taken (2022-04-29)
select a.location, a.date, round((a.total_deaths/a.total_cases)*100, 2) as 'death percentage'
from portofolio_project..covid1 a left join portofolio_project..covid2 b on a.data_number = b.data_number
where a.location like 'indonesia' or a.location like 'malaysia' or location like 'thailand' or a.location like 'vietnam' or a.location like 'myanmar'
or a.location like 'singapore' or location like 'laos' or a.location like 'cambodia' or a.location like 'brunei%' or a.location like 'phil%'
and a.date like '2022-04-29'
order by a.date desc, [death percentage] offset 0 rows fetch next 10 rows only
```

```
--Indonesia 2nd Vaccine Comparation with New Cases, New Deaths, and Death Percentage Each Day
select a. data_number, a.location, a.date, a.new_cases, a.new_deaths, round((a.total_deaths/a.total_cases)*100, 2) as 'death percentage',
round((b.people_fully_vaccinated/a.population)*100, 2) as '2nd vaccine', round((b.total_boosters/a.population)*100, 2) as '3rd vaccine'
from portofolio_project..covid1 a left join portofolio_project..covid2 b on a.data_number = b.data_number
where location like 'indonesia'
order by a.data_number asc
```

```
--To see highest new_deaths before vaccine effect (new deaths = 2069, vaccine 6,75%)
select (cast(a.new_deaths as int)), a.date, round((b.people_fully_vaccinated/a.population)*100, 2) as '2nd vaccine'
from portofolio_project..covid1 a left join portofolio_project..covid2 b on a.data_number = b.data_number
where location like 'indonesia'
order by (cast(a.new_deaths as int)) desc, [2nd vaccine] offset 0 rows fetch next 1 rows only
```

```
--To see highest new_deaths before vaccine effect (new deaths = 401, vaccine = 53,77%)
select (cast(a.new_deaths as int)), a.date, round((b.people_fully_vaccinated/a.population)*100, 2) as '2nd vaccine'
from portofolio_project..covid1 a left join portofolio_project..covid2 b on a.data_number = b.data_number
where location like 'indonesia'
and a.date > '2021-12-01'
order by (cast(a.new_deaths as int)) desc, [2nd vaccine] offset 0 rows fetch next 1 rows only
```