COVID-19 DASHBOARD

country_name ▾   Select date rang ▾

Total Confirmed	Total Deceased	Total Recovered
430,295,284,554	6,682,763,773	264,547,134,174

Time series chart: Total Confirmed, Total Death, Total Recovered from 1 Jan 2020 to 1 Jul 2022

Chart: cumulative... series from 1 Jan 2020 to 11 Sept...

TOP 10 COUNTRY WITH THE MOST CONFIRMED CASE

Bar chart: cumulative_confirmed — United Sta..., India, Brazil, United Ki..., Italy, France, Germany, Russia, Argentina, Spain

World map with scale 0 — 97,356,334,032
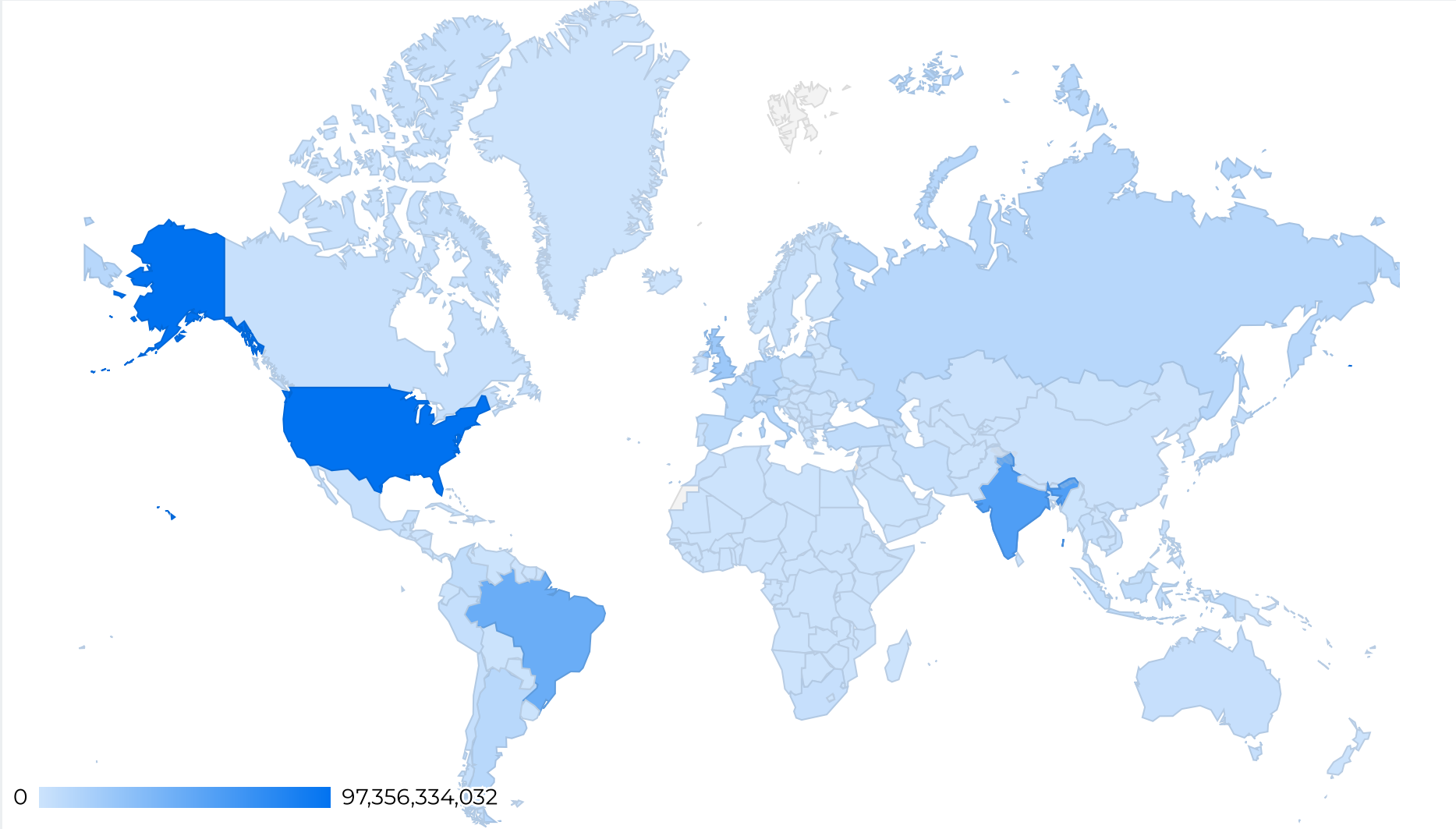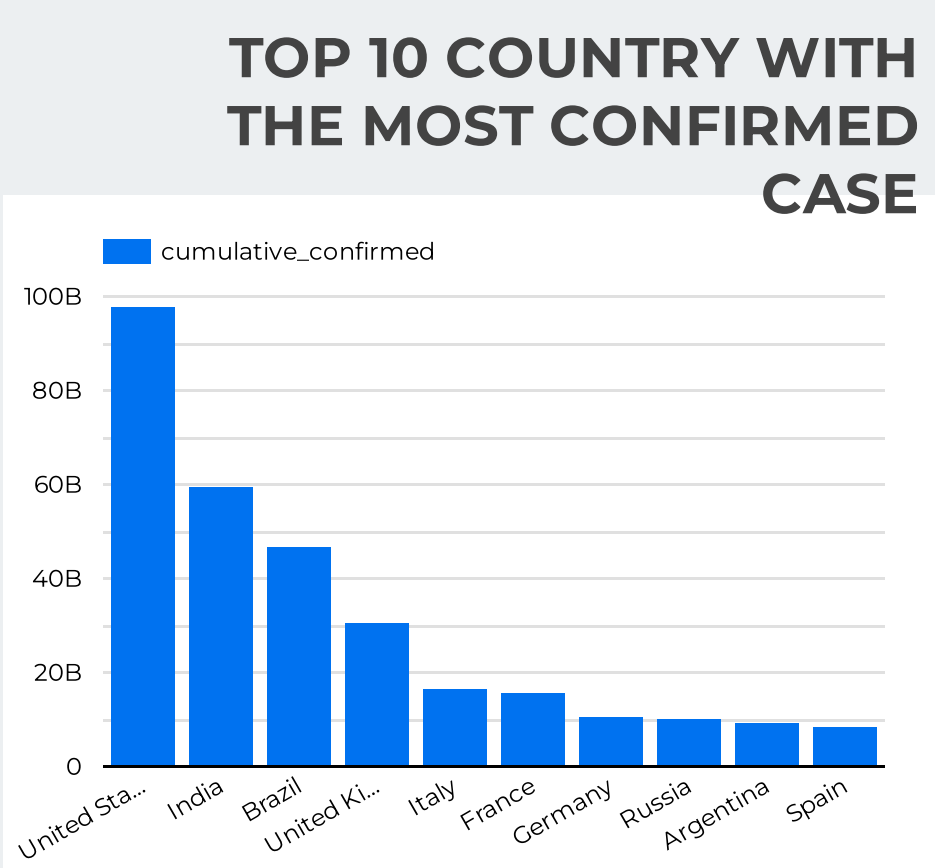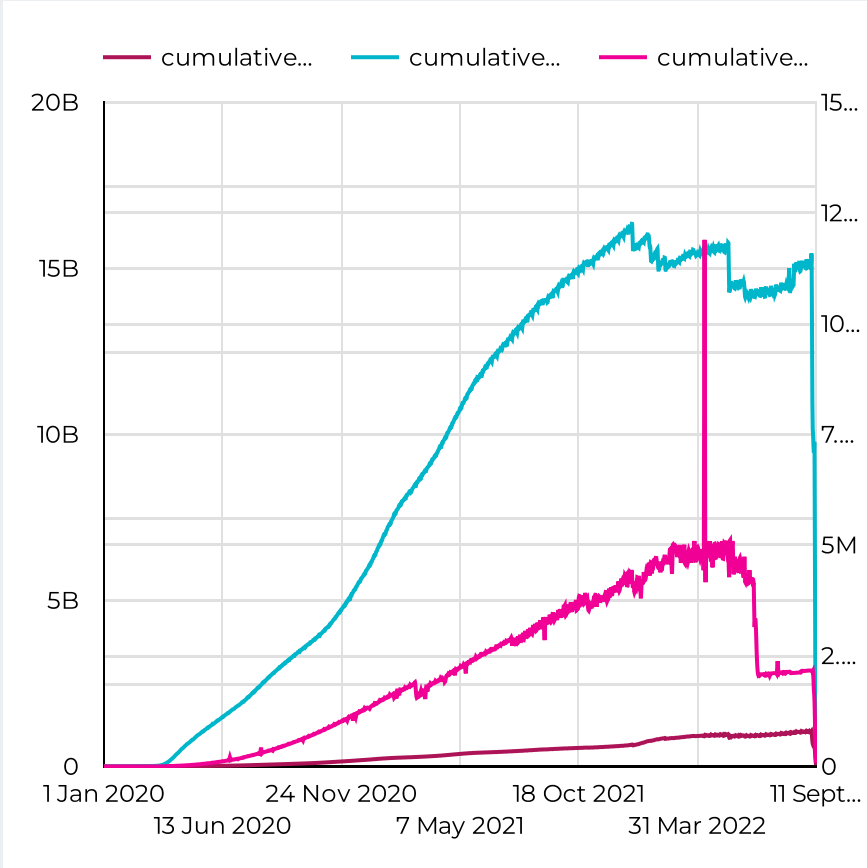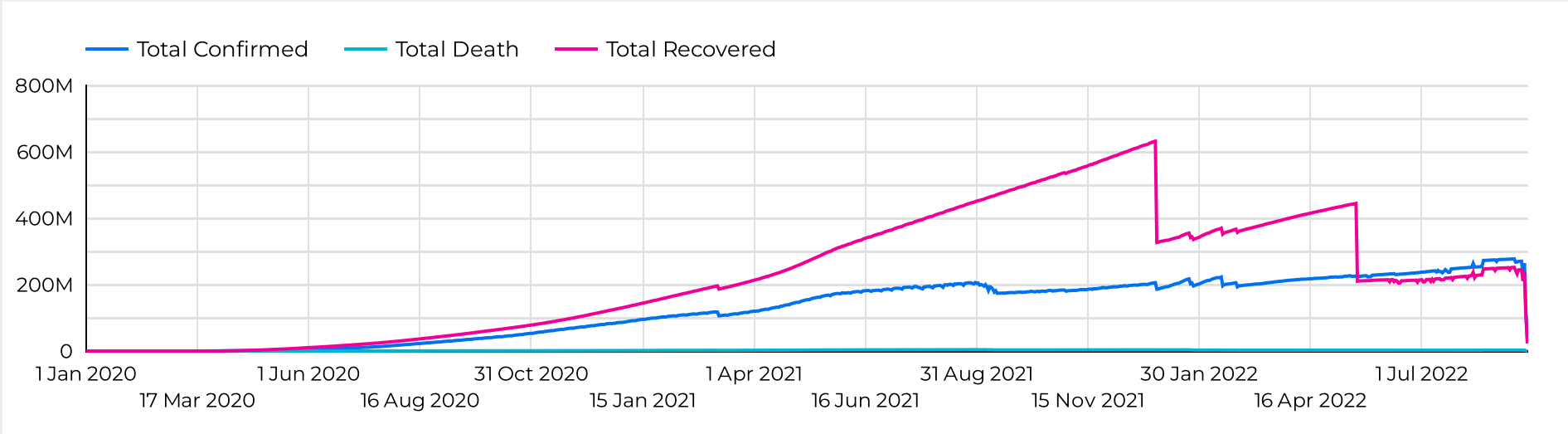
COVID-19 DASHBOARD

country_na... ▾   Select date ra ▾

cumulative_persons_fully_vaccinated	cumulative_persons_vaccinated	population
1,381,106,118,260	1,637,440,518,940	15,941,689,570,746

— cumulative_persons_fully_vaccinated — cumulative_persons_vaccinated

■ cumulative_persons_fully_vaccinated ■ cumulative_persons_vaccinated ■ population

■ cumulative_persons_vaccinated ■ cumulative_persons_fully_vaccinated
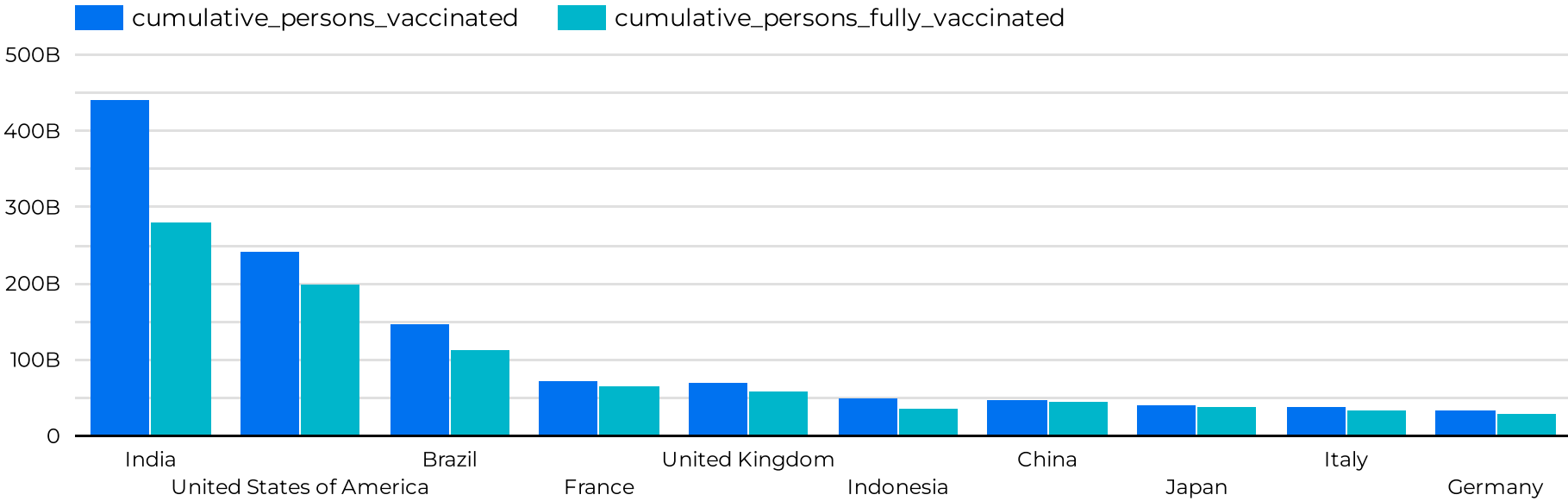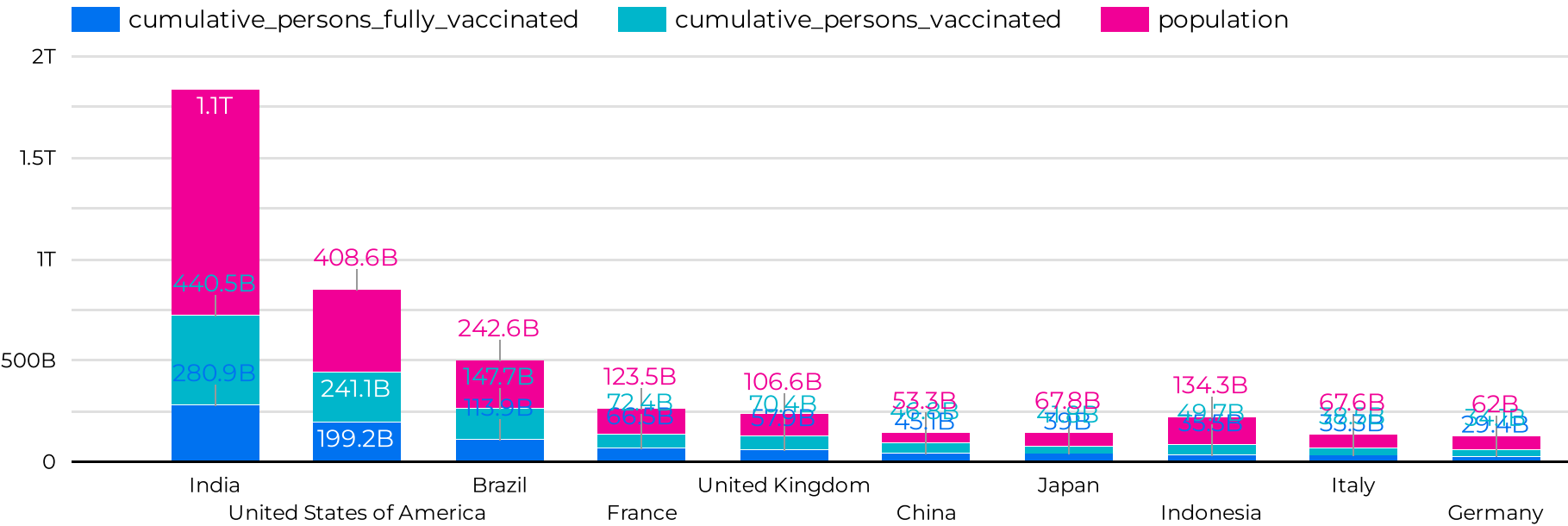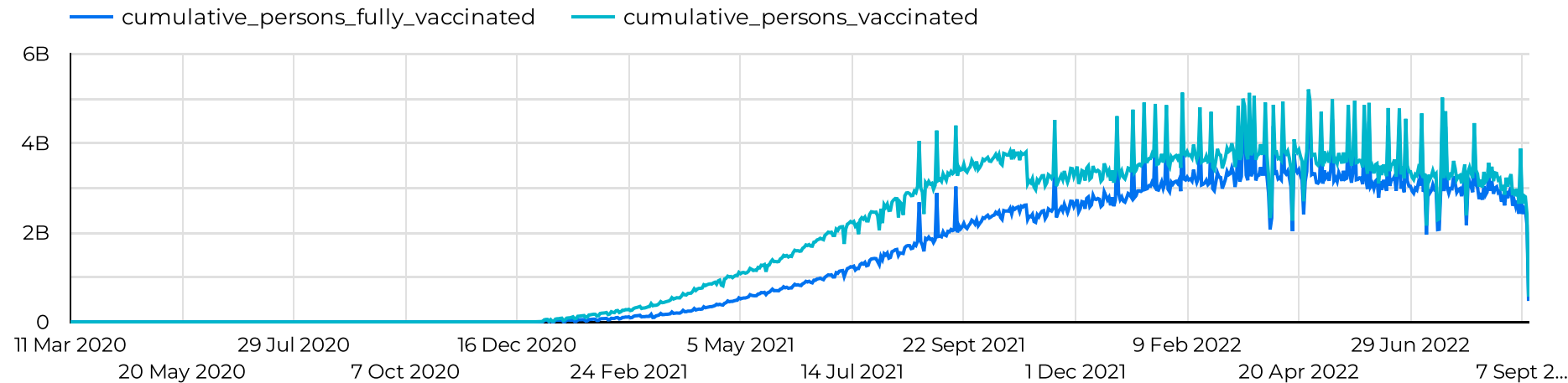
	country_name	population	gdp_usd	gdp_per_capita_usd	investment_in_vacci...
1.	United Kingdom	71,915,339,801	3,017,589,470,337,000	134,196,916	16,346,269,647
2.	United States of America	181,720,453,203	11,734,555,963,860,596	35,749,782	16,048,000,000
3.	Canada	35,364,401,109	1,627,030,814,859,303	43,283,778	9,163,701,456
4.	Japan	118,508,441,146	4,761,618,061,209,123	37,710,502	8,269,849,765
5.	South Korea	46,911,302,445	1,502,780,643,707,805	29,061,315	7,698,257,367
6.	Jamaica	2,733,151,603	15,190,799,594,841	5,152,186	6,000,000,000
7.	Australia	23,918,888,378	1,306,334,392,790,602	51,502,766	4,703,229,757
8.	Chile	16,326,248,787	262,273,570,402,176	13,838,384	3,435,342,491
9.	Thailand	65,402,579,386	509,400,027,666,605	7,316,096	1,888,198,189
10.	Germany	68,490,850,725	3,255,744,195,000,000	39,232,050	1,861,521,162

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COVID-19 OVERVIEW

Coronavirus disease 2019 (COVID-19) is a contagious disease caused by a virus, the severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2). The first known case was identified in Wuhan, China, in December 2019. The disease quickly spread worldwide, resulting in the COVID-19 pandemic.

Symptoms of COVID-19 are variable, but often include fever, cough, headache,fatigue, breathing difficulties, loss of smell, and loss of taste. Symptoms may begin one to fourteen days after exposure to the virus. At least a third of people who are infected do not develop noticeable symptoms. Of those people who develop symptoms noticeable enough to be classed as patients, most (81%) develop mild to moderate symptoms (up to mild pneumonia), while 14% develop severe symptoms (dyspnoea, hypoxia, or more than 50% lung involvement on imaging), and 5% develop critical symptoms (respiratory failure, shock, or multiorgan dysfunction). Older people are at a higher risk of developing severe symptoms. Some people continue to experience a range of effects (long COVID) for months after recovery, and damage to organs has been observed. Multi-year studies are underway to further investigate the long-term effects of the disease.

COVID-19 transmits when people breathe air contaminated by droplets and small airborne particles containing the virus. The risk of breathing these is highest when people are in close proximity, but they can be inhaled over longer distances, particularly indoors. Transmission can also occur if splashed or sprayed with contaminated fluids in the eyes, nose or mouth, and, rarely, via contaminated surfaces. People remain contagious for up to 20 days, and can spread the virus even if they do not develop symptoms.

COVID-19 testing methods to detect the virus's nucleic acid include real-time reverse transcription polymerase chain reaction (rRT-PCR), transcription-mediated amplification, and reverse transcription loop-mediated isothermal amplification (RT-LAMP) from a nasopharyngeal swab.

Several COVID-19 vaccines have been approved and distributed in various countries, which have initiated mass vaccination campaigns. Other preventive measures include physical or social distancing, quarantining, ventilation of indoor spaces, covering coughs and sneezes, hand washing, and keeping unwashed hands away from the face. The use of face masks or coverings has been recommended in public settings to minimise the risk of transmission. While work is underway to develop drugs that inhibit the virus, the primary treatment is symptomatic. Management involves the treatment of symptoms, supportive care, isolation, and experimental measures.

LINK TO GOOGLE DATA STUDIO:
https://datastudio.google.com/reporting/7cf88d97-d5b1-4c2b-917f-50622ea4f446

QUERIES
SELECT *FROM `bigquery-public-data.covid19_open_data.covid19_open_data`;

WITH cases_by_country AS (
  SELECT
    country_name AS country,
    sum(cumulative_confirmed) AS cases,
    sum(cumulative_recovered) AS recovered_cases
  FROM
    bigquery-public-data.covid19_open_data.covid19_open_data
  GROUP BY
    country_name
)
, recovered_rate AS
(SELECT
  country, cases, recovered_cases,
  (recovered_cases * 100)/cases AS recovery_rate
FROM cases_by_country
)
SELECT
country,
cases AS confirmed_cases,
recovered_cases,
recovery_rate
FROM recovered_rate
WHERE cases > 10000
ORDER BY recovery rate desc

Query results   ⬇ SAVE

JOB INFORMATION   **RESULTS**   JSON   EXECUTION DETAILS

Row	country	confirmed_c...	recovered_c...	recovery_rate
1	France	15546190816	165790587...	1066.43865...
2	Czech Republic	4646733264	4467331122	96.1391770...
3	Malaysia	2941111013	2803866866	95.3335951...
4	Austria	3613869431	3420637074	94.6530343...
5	Indonesia	5217253150	4860514550	93.1623291...

SELECT
country_name,
  SUM(cumulative_confirmed) AS cumulative_confirmed, SUM(cumulative_deceased) AS
cumulative_deceased
FROM
  `bigquery-public-data.covid19_open_data.covid19_open_data`
WHERE cumulative_confirmed IS NOT NULL AND cumulative_deceased IS NOT NULL
GROUP BY 1
order by cumulative_confirmed desc;

SELECT
date,
  SUM(cumulative_confirmed) AS cumulative_confirmed, SUM(cumulative_deceased) AS
cumulative_deceased, SUM(cumulative_recovered) AS cumulative_recovered
FROM
  `bigquery-public-data.covid19_open_data.covid19_open_data`
WHERE cumulative_confirmed IS NOT NULL AND cumulative_deceased IS NOT NULL AND
cumulative_recovered IS NOT NULL
GROUP BY 1
order by 1 ASC;

```
SELECT
date,

SUM(cumulative_persons_vaccinated)cumulative_persons_vaccinated,
SUM(cumulative_persons_fully_vaccinated) cumulative_persons_fully_vaccinated

FROM `bigquery-public-data.covid19_open_data.covid19_open_data`
WHERE cumulative_persons_vaccinated IS NOT NULL AND cumulative_persons_fully_vaccinated IS NOT
NULL
GROUP BY 1
ORDER BY 1 ASC;
```

Query results

Row	date	cumulative_...	cumulative_...
276	2020-12-11	0	0
277	2020-12-12	0	0
278	2020-12-13	30635	7844
279	2020-12-14	35169	7987
280	2020-12-15	81023	8275
281	2020-12-16	235812	8761
282	2020-12-17	502632	9550
283	2020-12-18	912546	10808
284	2020-12-19	1116177	11911
285	2020-12-20	1208355	12683
286	2020-12-21	1651141	14258
287	2020-12-22	2242851	17243

```
SELECT
country_name,

SUM(population) population,
SUM(cumulative_persons_vaccinated)cumulative_persons_vaccinated,
SUM(cumulative_persons_fully_vaccinated) cumulative_persons_fully_vaccinated

FROM `bigquery-public-data.covid19_open_data.covid19_open_data`
WHERE cumulative_persons_vaccinated IS NOT NULL
AND cumulative_persons_fully_vaccinated IS NOT NULL AND population IS NOT NULL
GROUP BY 1
ORDER BY cumulative_persons_fully_vaccinated DESC;
```

Query results

⬇ SAV

Row	country_name	population	cumulative_...	cumulative_...
1	India	111302647...	437400642...	278027845...
2	United States of America	403980164...	237388257...	196031136...
3	Brazil	241799924...	146998192...	113237472...
4	France	123285259...	72211927308	66301479931
5	United Kingdom	106573057...	70410192742	57899492423
6	China	51815655864	45479471000	43792194000
7	Japan	67791381488	41837350415	38961617634
8	Indonesia	134300097...	49671509293	35468807300
9	Italy	67460024519	38380727842	33129181410
10	Germany	61849313685	33929615628	29234992333
11	Poland	51293841480	25459342967	21242141157
12	Pakistan	55885759743	25658090969	21046652320

Results per page: 5

```
SELECT
country_name,

SUM(cumulative_persons_vaccinated)cumulative_persons_vaccinated,
SUM(cumulative_persons_fully_vaccinated) cumulative_persons_fully_vaccinated

FROM `bigquery-public-data.covid19_open_data.covid19_open_data`
WHERE cumulative_persons_vaccinated IS NOT NULL AND cumulative_persons_fully_vaccinated IS NOT
NULL
GROUP BY country_name
ORDER BY cumulative_persons_vaccinated DESC;
```

Query results

SAVE RESULTS ▾   EXPLORE DATA ▾

| JOB INFORMATION | RESULTS | JSON | EXECUTION DETAILS |

Row	country_name	cumulative_...	cumulative_...
1	India	437400642...	278027845...
2	United States of America	237388257...	196031136...
3	Brazil	146998192...	113237472...
4	France	72211927308	66301479931
5	United Kingdom	70410192742	57899492423
6	Indonesia	49671509293	35468807300
7	China	45479471000	43792194000
8	Japan	41837350415	38961617634
9	Italy	38380727842	33129181410
10	Germany	33929615628	29234992333
11	Pakistan	25658090969	21046652320
12	Poland	25459342967	21242141157

Results per page: 50 ▾   1 – 50 of 219 |< ‹ ›

```
SELECT country_name,
SUM(cumulative_confirmed) AS confirmed_cumulative
FROM `bigquery-public-
data.covid19_open_data.covid19_open_data`
GROUP BY country_name
ORDER BY confirmed_cumulative DESC LIMIT 10;
```