

```
--D.1
SELECT
vbm_egy.date as 'Observation Date'
, li_egy.Location as 'Country 1 Name'
, sum(vbm_egy.total_vaccinations) as 'Administered Vaccine in Country 1'
, li_chn.Location as 'Country 1 Name'
, sum(vbm_chn.total_vaccinations) as 'Administered Vaccine in Country 1'
, sum(vbm_egy.total_vaccinations) - sum(vbm_chn.total_vaccinations) as 'Difference of totals'
FROM
vaccinations_by_manufacturer vbm_egy
JOIN
Location_info li_egy
ON
li_egy.iso_code = vbm_egy.iso_code
JOIN
vaccinations_by_manufacturer vbm_chn
ON
vbm_egy.date = vbm_chn.date
JOIN
Location_info li_chn
ON
li_chn.iso_code = vbm_chn.iso_code
WHERE
vbm_egy.iso_code = 'EGY'
AND
vbm_chn.iso_code = 'CHN'
GROUP BY
vbm_egy.date ;
```

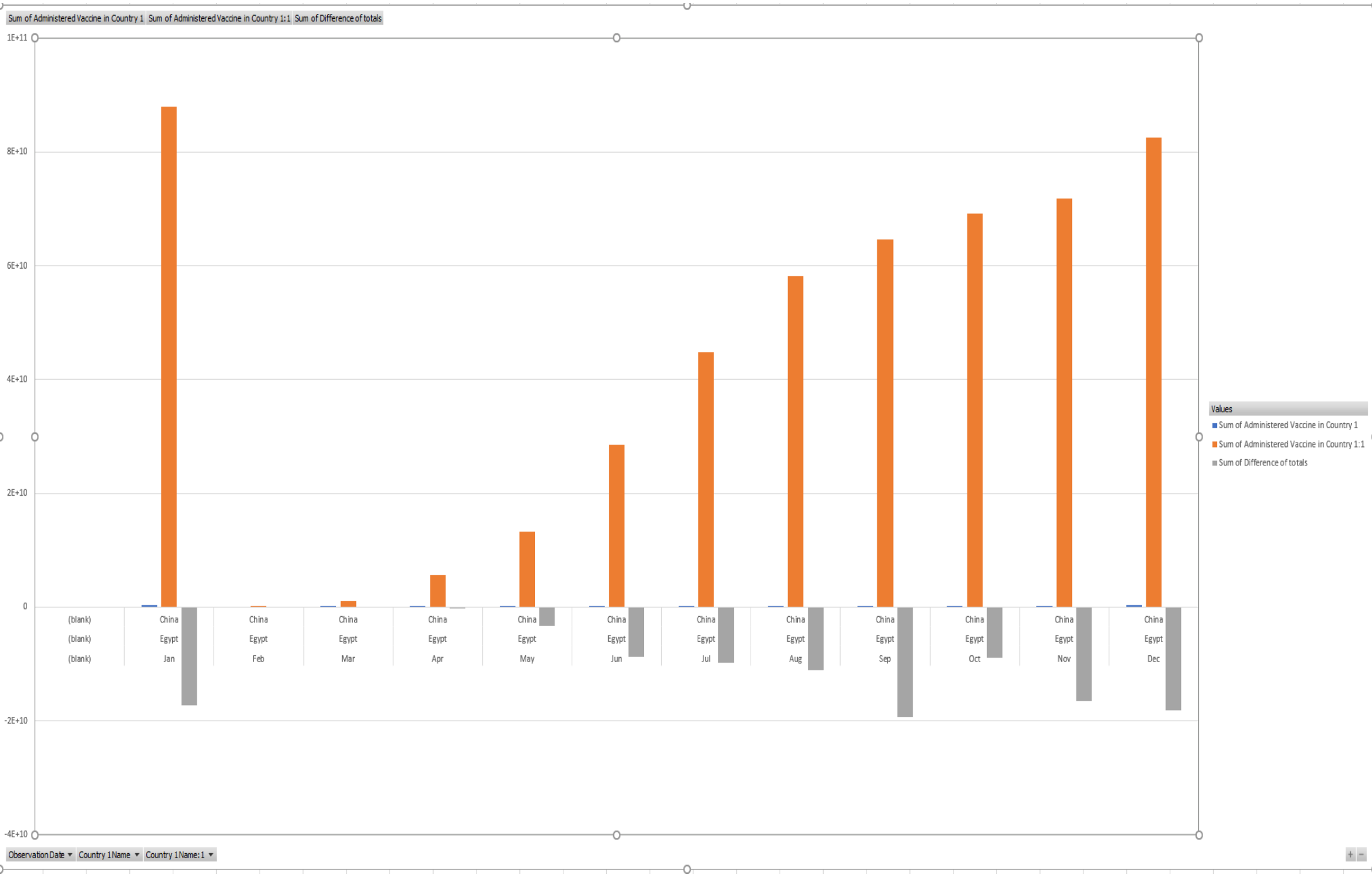


1








Total rows loaded: 372




	Observation	Country 1 N	Administere	Country 1 N	Administerec	Difference of
1	1/01/2022	Egypt	NULL	China	2841269000	NULL
2	1/02/2021	Egypt	NULL	China	NULL	NULL
3	1/03/2021	Egypt	NULL	China	NULL	NULL
4	1/04/2021	Egypt	NULL	China	126616000	NULL
5	1/05/2021	Egypt	NULL	China	270406000	NULL
6	1/06/2021	Egypt	2822479	China	681908000	-679085521
7	1/07/2021	Egypt	NULL	China	1264149000	NULL
8	1/08/2021	Egypt	5570554	China	1669527000	-1663956446
9	1/09/2021	Egypt	9391465	China	2076428000	-2067036535
10	1/10/2021	Egypt	NULL	China	2212206000	NULL



```
--D.2
SELECT
li.location as Country
, sum(daily_vaccinations) as 'Cumulative Doses'
FROM
Vaccination_By_Location vbl
JOIN
Location_info li
ON
vbl.iso_code = li.iso_code
GROUP BY
li.location ;
```



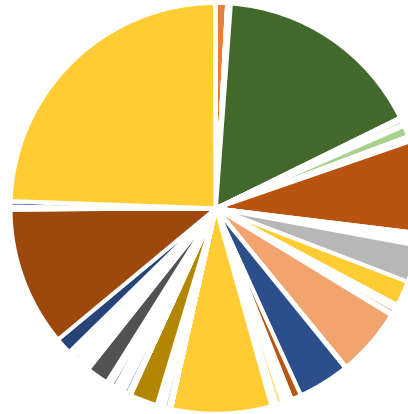
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	Country	Cumulative Doses
1	Afghanistan	5119300
2	Africa	358522648
3	Albania	2615882
4	Algeria	12912154
5	Andorra	137754
6	Angola	14766030
7	Anguilla	21949
8	Antigua and Barbuda	125937
9	Argentina	88740883
10	Armenia	1865193

Cumulative Doses

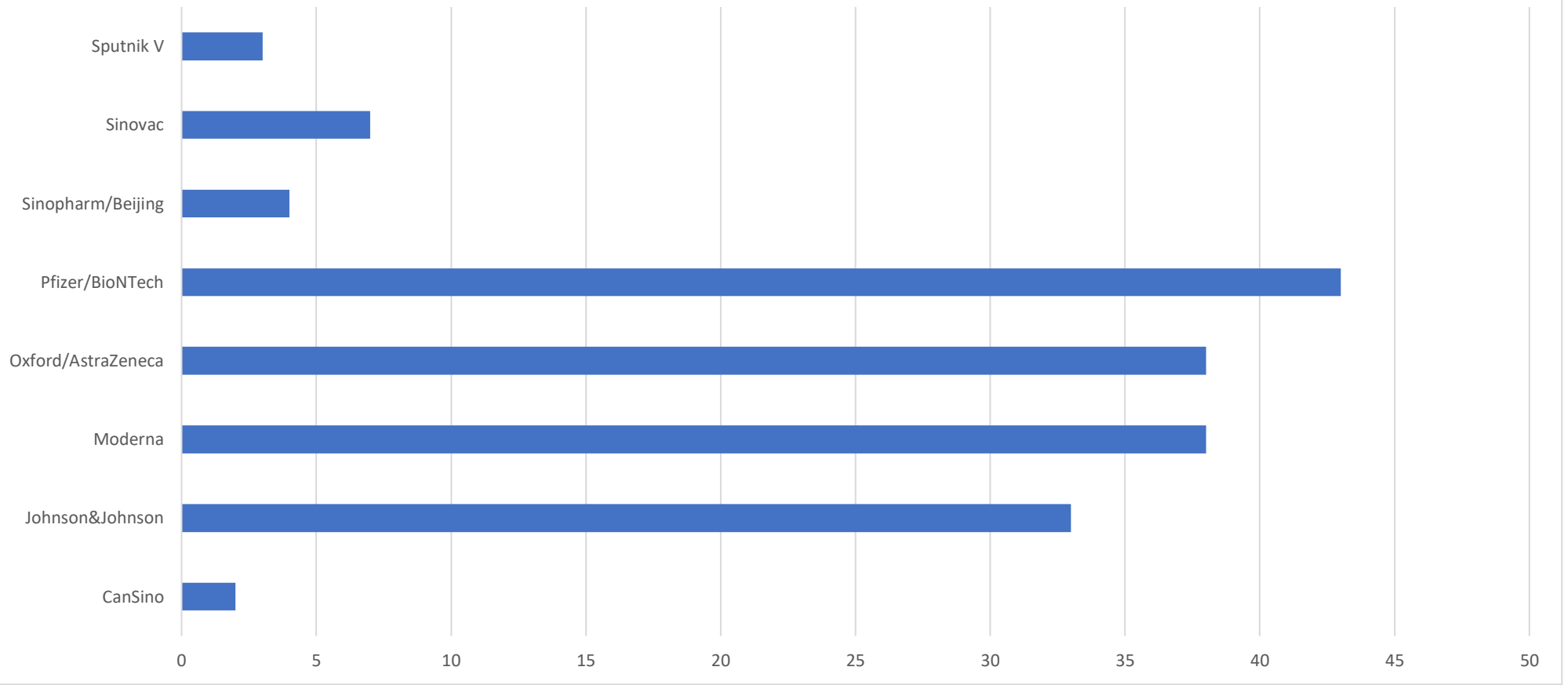


- | | | | | |
|--------------------------------|-----------------------------------|--------------------------|----------------|----------------------|
| ■ Afghanistan | ■ Africa | ■ Albania | ■ Algeria | ■ Andorra |
| ■ Angola | ■ Anguilla | ■ Antigua and Barbuda | ■ Argentina | ■ Armenia |
| ■ Aruba | ■ Asia | ■ Australia | ■ Austria | ■ Azerbaijan |
| ■ Bahamas | ■ Bahrain | ■ Bangladesh | ■ Barbados | ■ Belarus |
| ■ Belgium | ■ Belize | ■ Benin | ■ Bermuda | ■ Bhutan |
| ■ Bolivia | ■ Bonaire Sint Eustatius and Saba | ■ Bosnia and Herzegovina | ■ Botswana | ■ Brazil |
| ■ British Virgin Islands | ■ Brunei | ■ Bulgaria | ■ Burkina Faso | ■ Burundi |
| ■ Cambodia | ■ Cameroon | ■ Canada | ■ Cape Verde | ■ Cayman Islands |
| ■ Central African Republic | ■ Chad | ■ Chile | ■ China | ■ Colombia |
| ■ Comoros | ■ Congo | ■ Cook Islands | ■ Costa Rica | ■ Cote d'Ivoire |
| ■ Croatia | ■ Cuba | ■ Curacao | ■ Cyprus | ■ Czechia |
| ■ Democratic Republic of Congo | ■ Denmark | ■ Djibouti | ■ Dominica | ■ Dominican Republic |

```
SELECT
DISTINCT
li.location as Country
, vaccine as 'Vaccine Type'
FROM
vaccinations_by_manufacturer vbm
JOIN
Location_info li
ON
vbm.iso_code = li.iso_code
AND
vbm.vaccine != 'Unknown';
```

	Country	Vaccine Type
1	Australia	Moderna
2	Australia	Oxford/AstraZeneca
3	Australia	Pfizer/BioNTech
4	Austria	Johnson&Johnson
5	Austria	Moderna
6	Austria	Oxford/AstraZeneca
7	Austria	Pfizer/BioNTech
8	Belgium	Johnson&Johnson
9	Belgium	Moderna
10	Belgium	Oxford/AstraZeneca

Count of Country by Vaccine Type



```
-- D.4
SELECT
li.source_name
, sum(vbm.total_vaccinations)
, li.source_url
FROM
vaccinations_by_manufacturer vbm
JOIN
Location_info li
ON
vbm.iso_code = li.iso_code
where source_name is not null
GROUP BY
li.source_name
ORDER BY
li.source_name
, li.source_url;
```









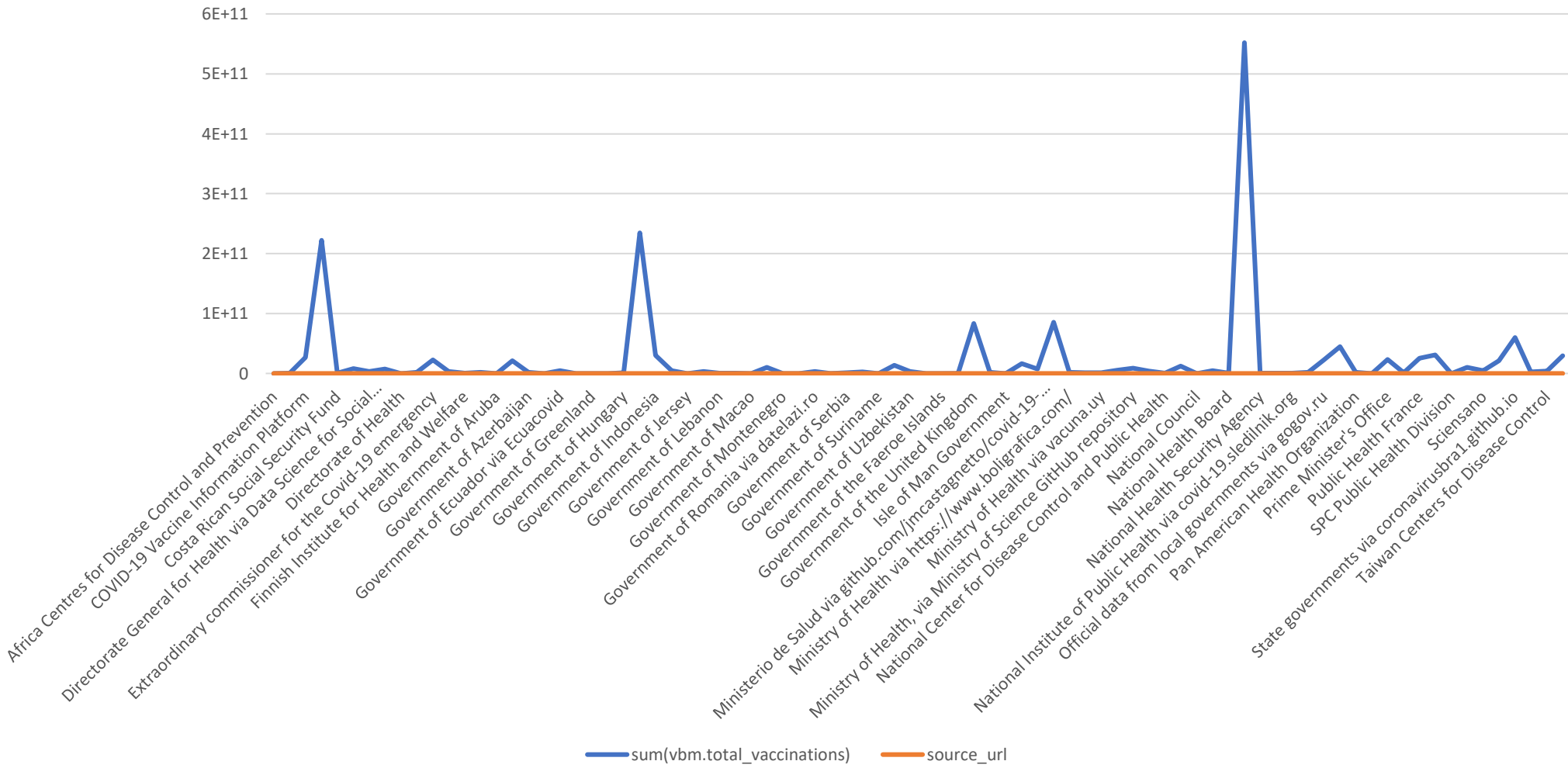
<div>      <div>1</div>    </div> <div>Total rows loaded: 82</div>			
	source_name	sum(vbm.total_vaccinations)	source_url
1	Africa Centres for Disease Control and Prevention	120535894	https://twitter.com/BWGovernment/status/1484200376723283973
2	COVID-19 Malta Public Health Response Team	234928218	https://github.com/COVID19-Malta/COVID19-Cases
3	COVID-19 Vaccine Information Platform	26642697499	https://covid19asi.saglik.gov.tr/
4	Centers for Disease Control and Prevention	221974001094	https://data.cdc.gov/Vaccinations/COVID-19-Vaccination-Trends-in-the-United-States-N/rh2h-3yt2
5	Costa Rican Social Security Fund	190532998	https://www.ccss.sa.cr/web/coronavirus/vacunacion
6	Department of Health via ABS-CBN Investigative and Research Group	7909479427	https://news.abs-cbn.com/spotlight/multimedia/infographic/03/23/21/philippines-covid-19-vaccine-trac
7	Directorate General for Health via Data Science for Social Good	3221748627	https://github.com/dssg-pt/covid19pt-data
8	Directorate General of Health Services	7731755096	http://103.247.238.92/webportal/pages/covid19-vaccination-update.php
9	Directorate of Health	38591078	https://www.covid.is/tolulegar-upplysingar-boluefni
10	European CDC, via Marino van Zelst	1822077146	https://github.com/mzelst/covid-19

Chart Title



--D.5

```
SELECT
aus.date
, aus.people_fully_vaccinated as Australia
, can.people_fully_vaccinated as Canada
, grb.people_fully_vaccinated as England
, pol.people_fully_vaccinated as Poland
FROM
Vaccination_By_Location aus
JOIN
Vaccination_By_Location can
ON
aus.date = can.date
AND
can.iso_code = 'CAN'
JOIN
Vaccination_By_Location grb
ON
aus.date = grb.date
AND
grb.iso_code = 'OWID_ENG'
JOIN
Vaccination_By_Location pol
ON
aus.date = pol.date
AND
pol.iso_code = 'POL'
WHERE
aus.iso_code = 'AUS'
```

	date	Australia	Canada	England	Poland
1	1/01/2022	19755837	29419071	39820104	21046692
2	1/02/2022	20228401	30182561	40654197	21770732
3	1/03/2021	12	548984	612567	1192900
4	1/04/2021	79244	721867	3931103	2058204
5	1/05/2021	260011	1150212	12835358	2959722
6	1/06/2021	541115	2222979	22153420	7300303
7	1/07/2021	1726273	12198554	27930697	13524896
8	1/08/2021	3964723	22511850	32110377	17498174
9	1/09/2021	7512554	25584928	35975144	18821841
10	1/10/2021	11571446	27072837	37659364	19489903

Chart Title

