

COVID 19 Analysis and Forecasting

monitoring enforcement deployment international activated requirements regulations Isolation closure closure A^Â businesses Complete Visa burial medical COVID Humanitarian work social population arrival product Economic funeral not or upon surveillance assistance awareness mass Full crossings or suspension quarantine structures documents exemptions recommendations country travel Curfews refugee camps gatherings established gear tests declared system policy declared gear camps gatherings established gear tests declared system policy

psychological within partial prison State wear protective Checkpoints

strengthening Schools flights airports exports additional Obligatory minorities Additional related measures screening administrative idp 19 requirements International changes

Emergency

lockdown

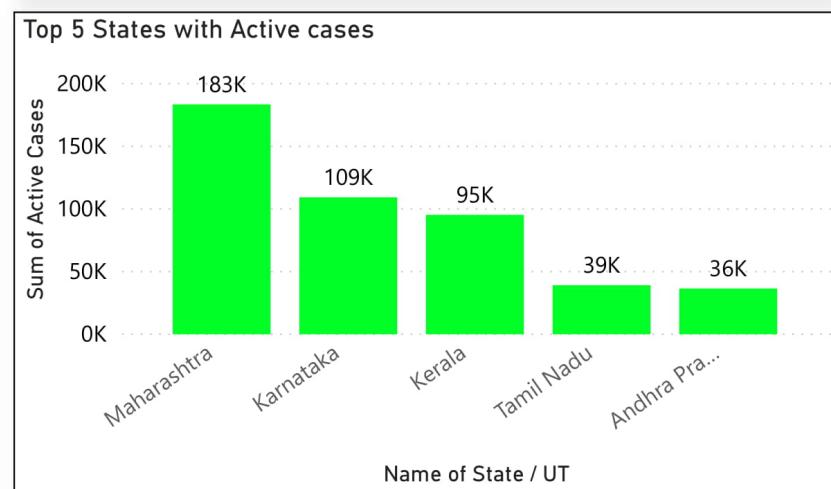
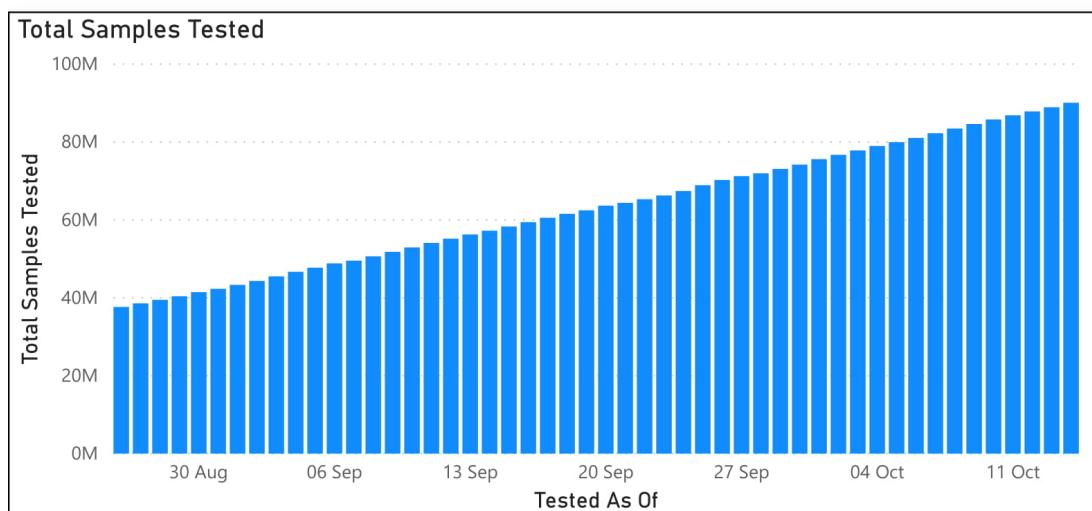
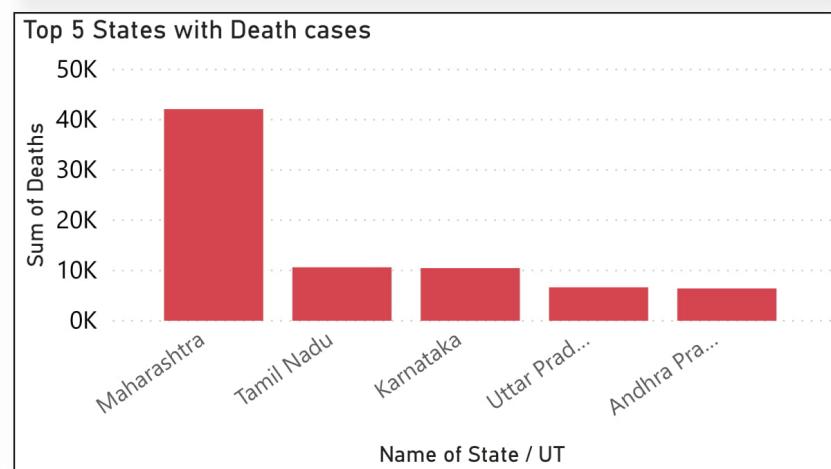
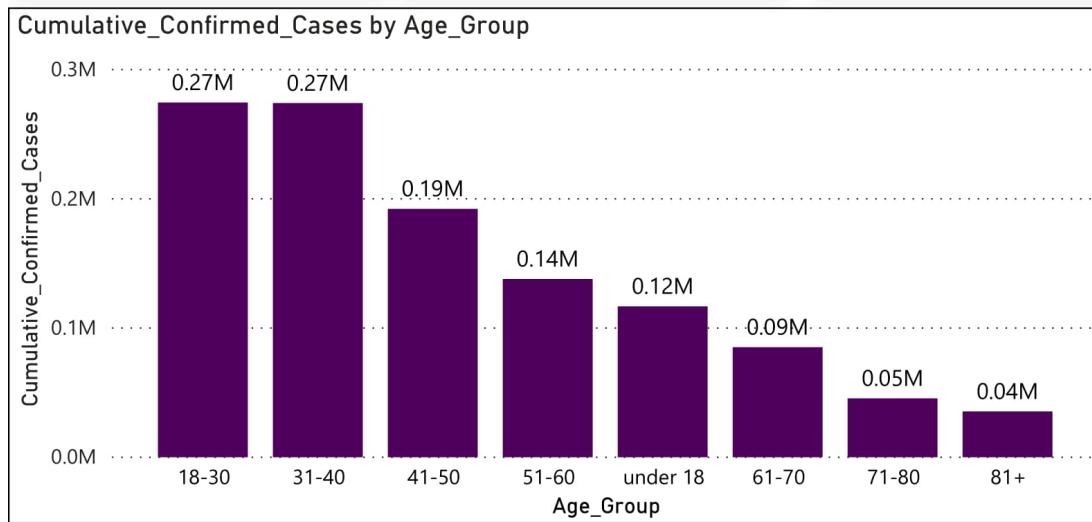
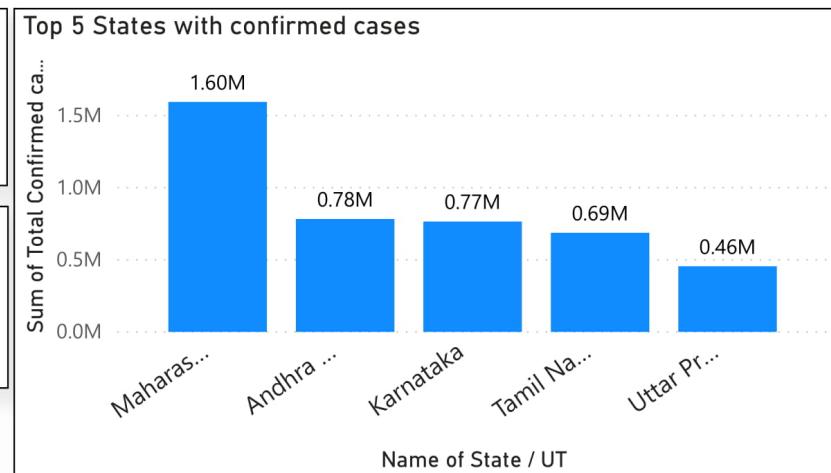
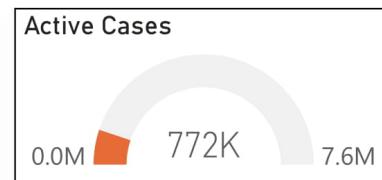
and testing

Requirement in Border limit amendments campaigns

Jayen Boopathy (170501051)

Adithya R (170501003)

J S Anandatirtha (170501011)

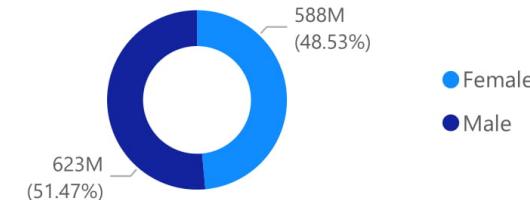


COVID-19 Facilities made by Government of India

1.2bn

Sum of Population

Female and Male

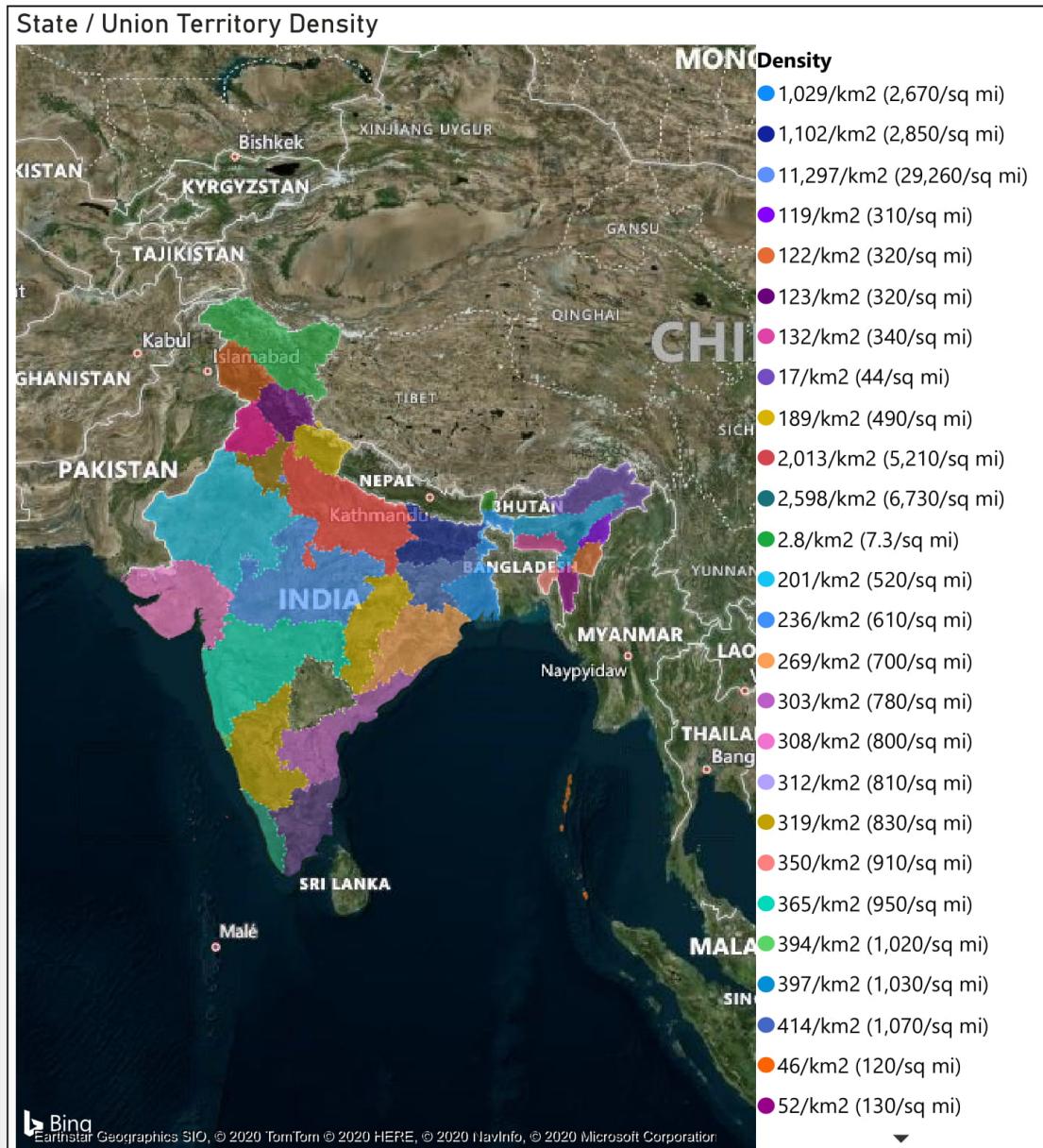
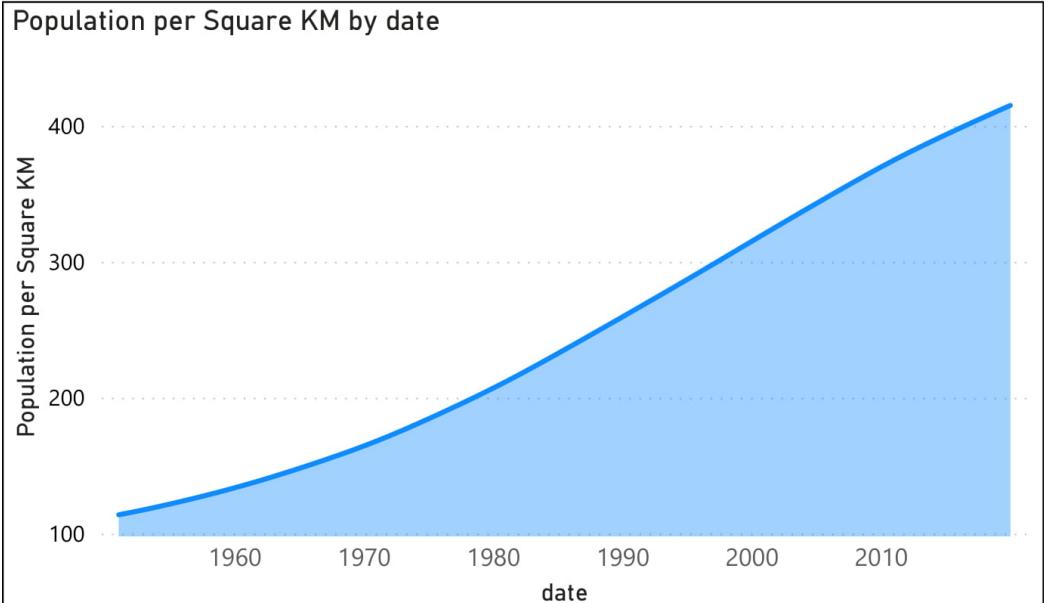


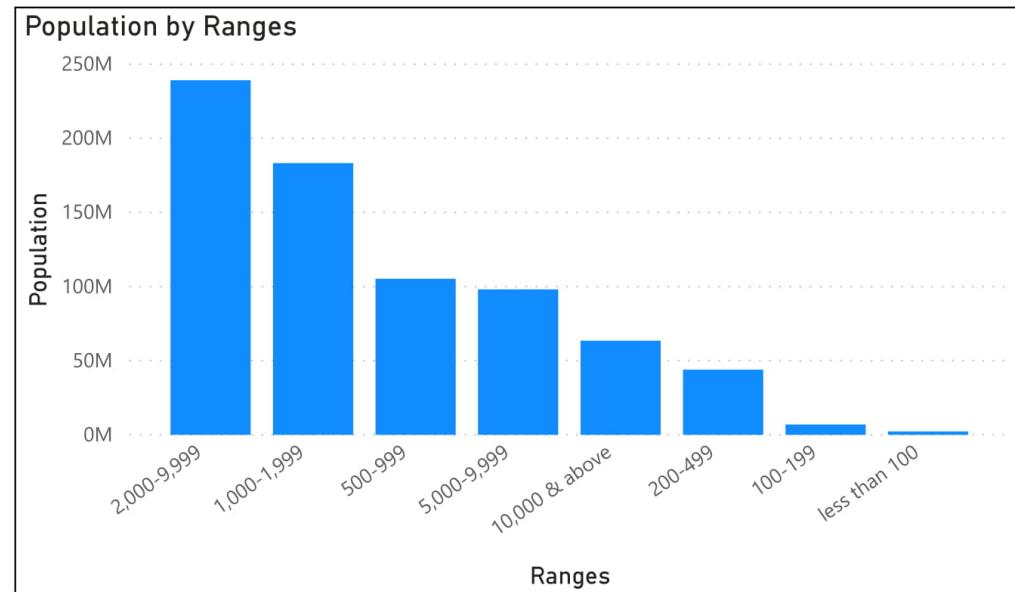
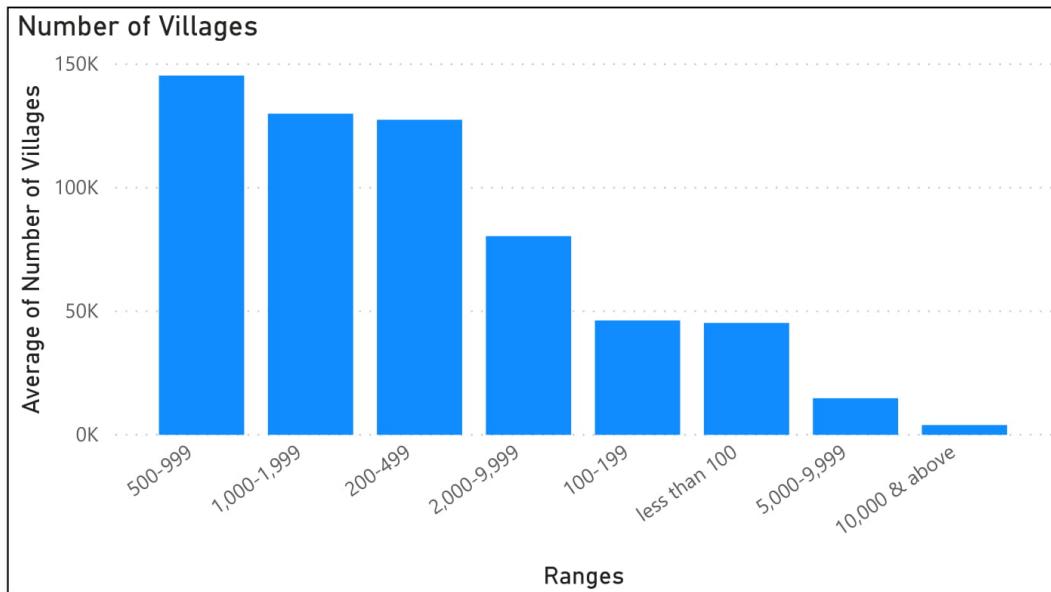
State / Union Territory with population



State name	Sum of Population	Male	Female
ANDAMAN AND NICOBAR ISLANDS	380581	202871	177710
ANDHRA PRADESH	84580777	42442146	42138631
ARUNACHAL PRADESH	1383727	713912	669815
ASSAM	31205576	15939443	15266133
BIHAR	104099452	54278157	49821295
CHANDIGARH	1055450	580663	474787
CHHATTISGARH	25545198	12832895	12712303
DADRA AND NAGAR HAVELI	343709	193760	149949
DAMAN AND DIU	243247	150301	92946
GOA	1458545	739140	719405
GUJARAT	60439692	31491260	28948432
HARYANA	25351462	13494734	11856728
HIMACHAL PRADESH	6864602	3481873	3382729
JAMMU AND KASHMIR	12541302	6640662	5900640
JHARKHAND	32988134	16930315	16057819
KARNATAKA	61095297	30966657	30128640
KERALA	33406061	16027412	17378649
LAKSHADWEEP	64473	33123	31350
MADHYA PRADESH	72626809	37612306	35014503
MAHARASHTRA	112374333	58243056	54131277
MANIPUR	2855794	1438586	1417208
Total	1210854977	623270258	587584719

Indian Population density per km

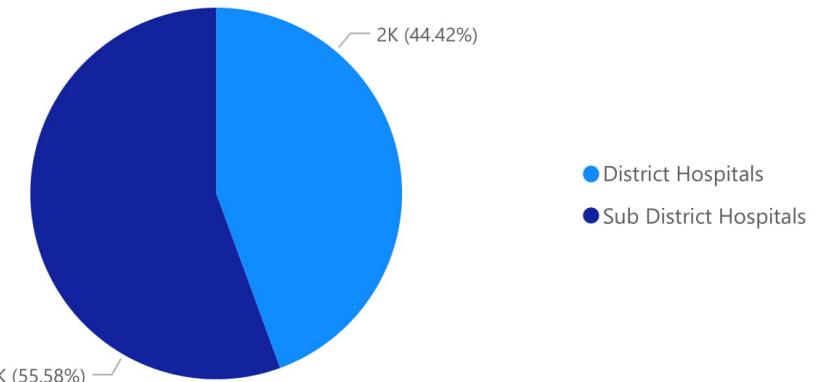




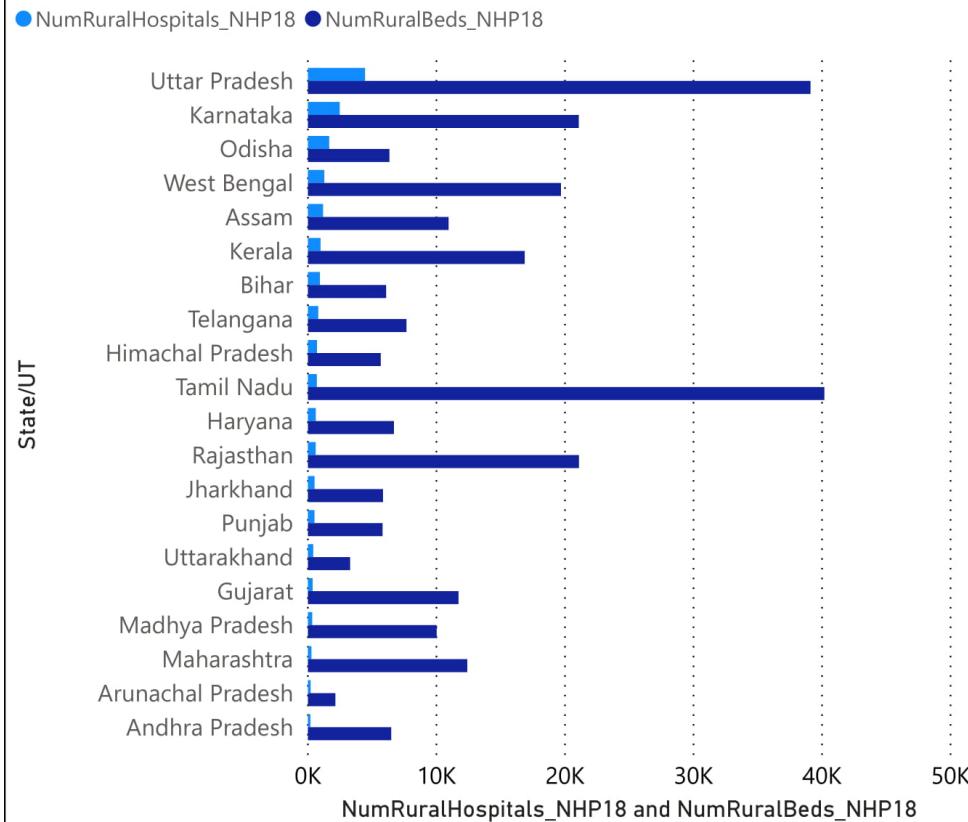
Number of Private and Public Labs facilitated by Government of India



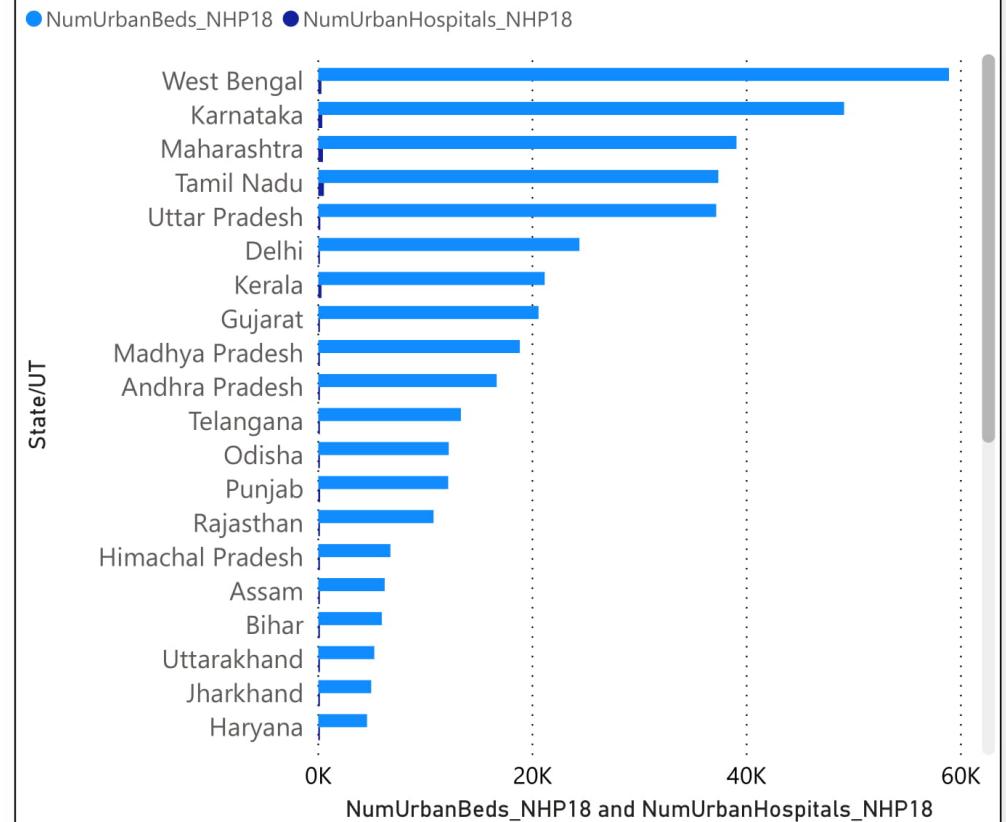
District Hospitals and Sub District Hospitals



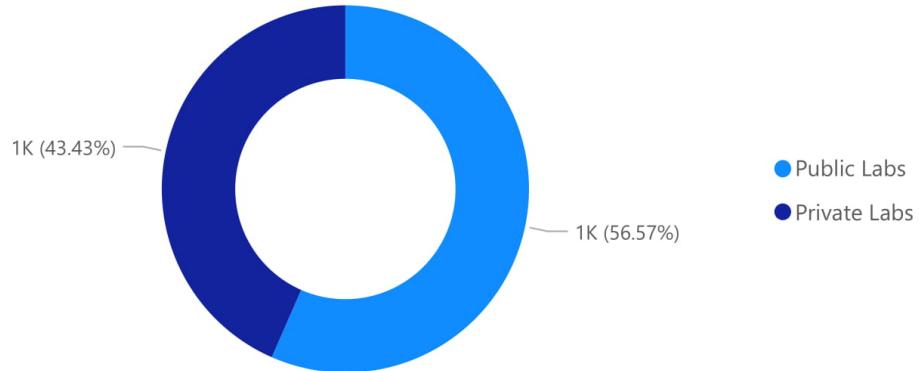
Comparison of Hospitals and Beds in Rural



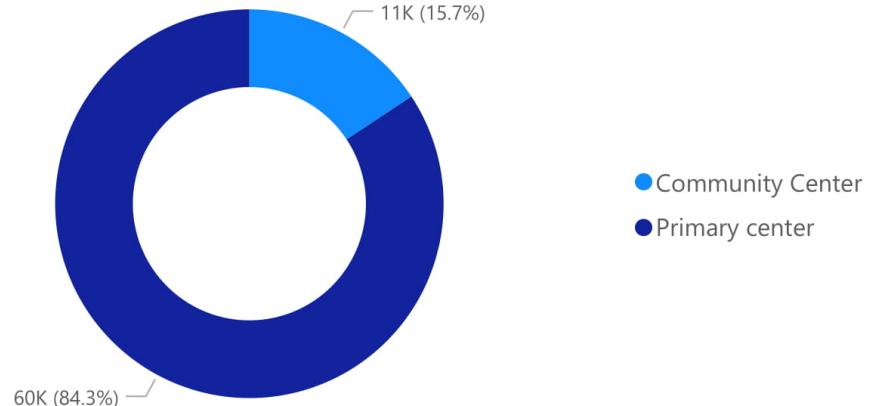
Comparison of Hospitals and Beds in Urban



Public Labs and Private Labs

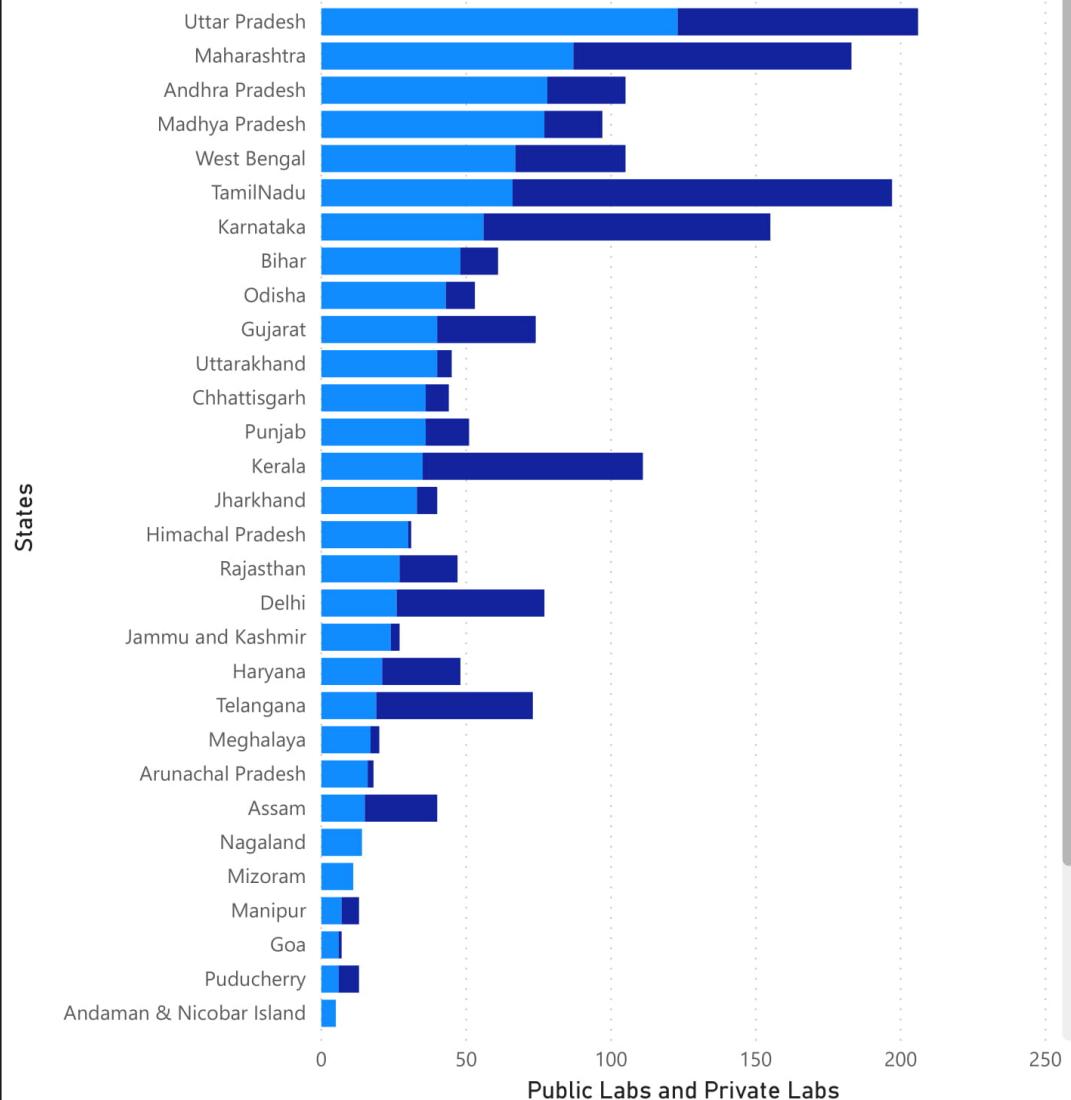


Community Center and Primary center

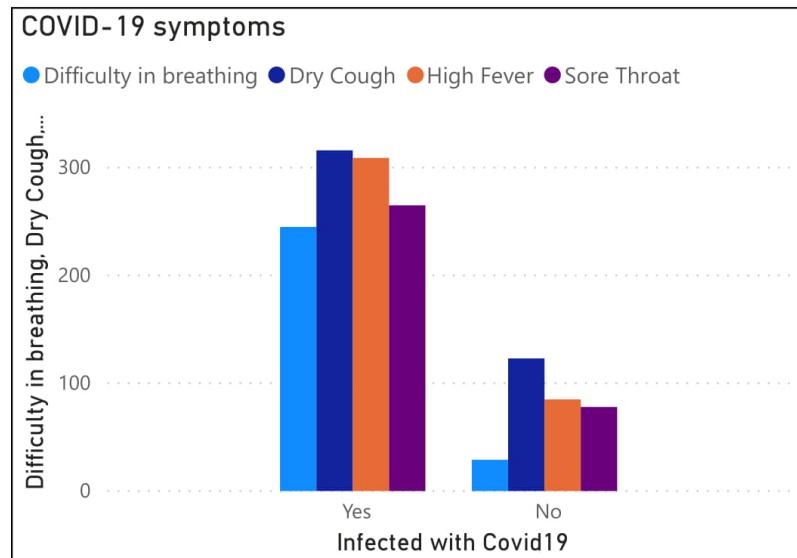


Public Labs and Private Labs by States

● Public Labs ● Private Labs



Trend Analysis of COVID-19 in India



Total Samples Tested in India

100M

80M

60M

40M

20M

0M

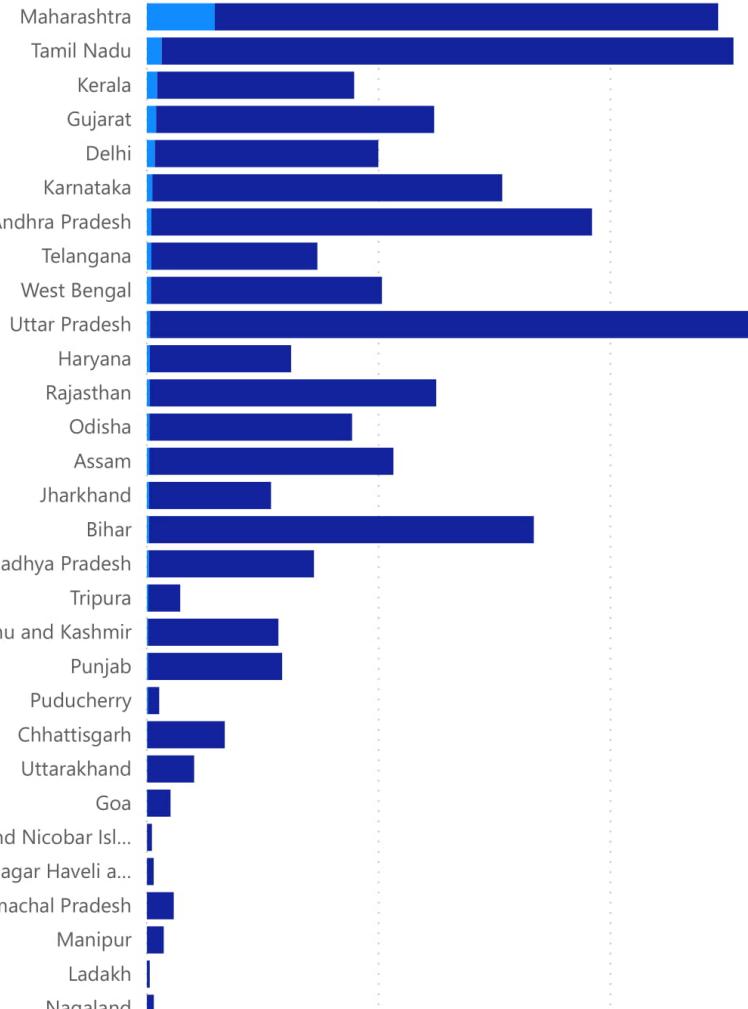
Total Samples Tested

Apr 2020 May 2020 Jun 2020 Jul 2020 Aug 2020 Sep 2020 Oct 2020

Tested As Of

Positive cases and Total Tested by State

● Positive ● Total Tested



0.0bn

0.2bn

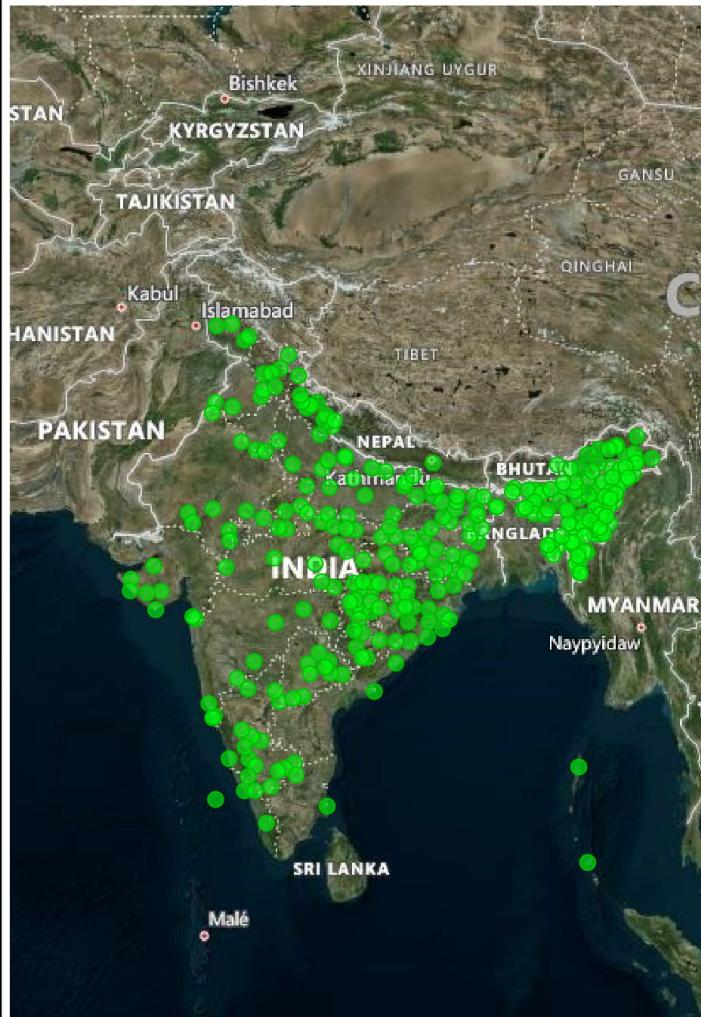
0.4bn

0.6bn

Positive and Total Tested

District and Zone

Zone ● Green Zone

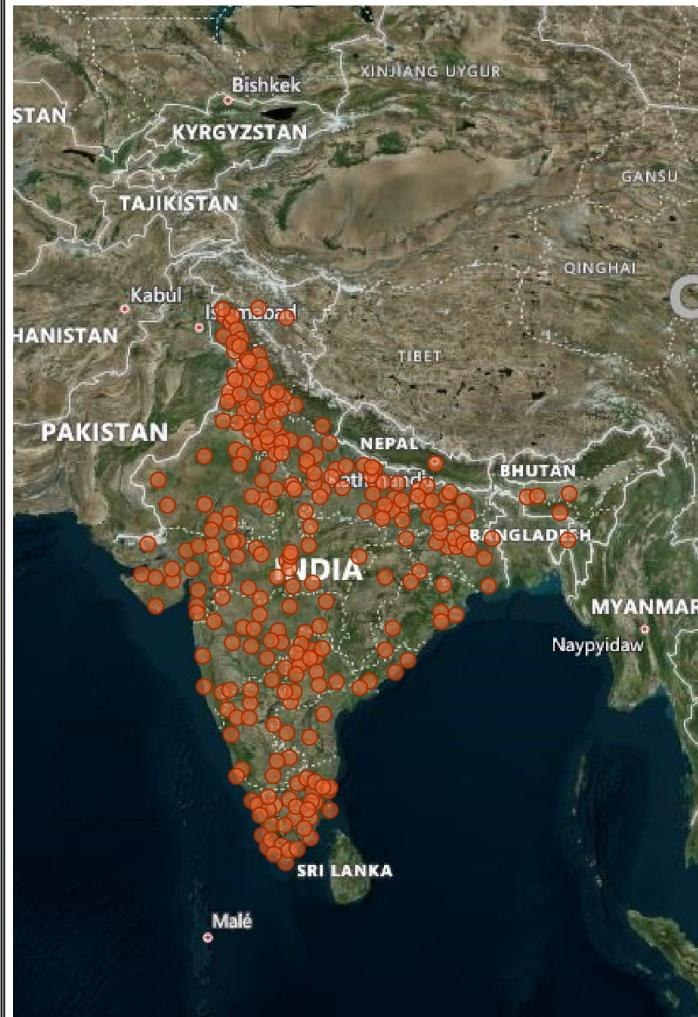


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Corporation



District and Zone

Zone ● Orange Zone

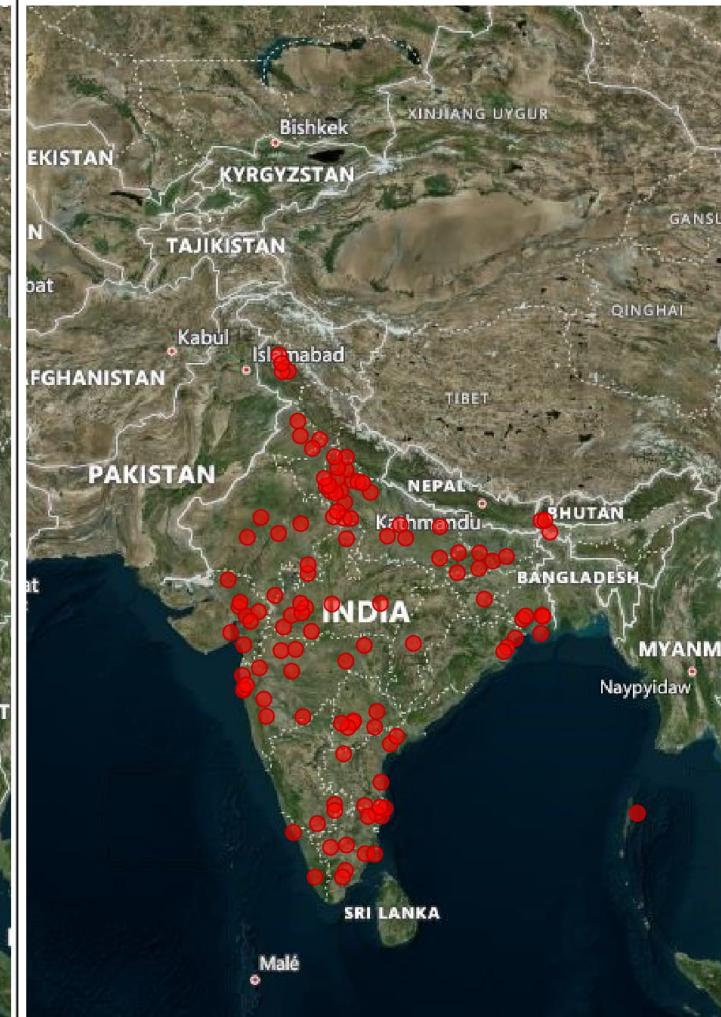


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District and Zone

Zone ● Red Zone

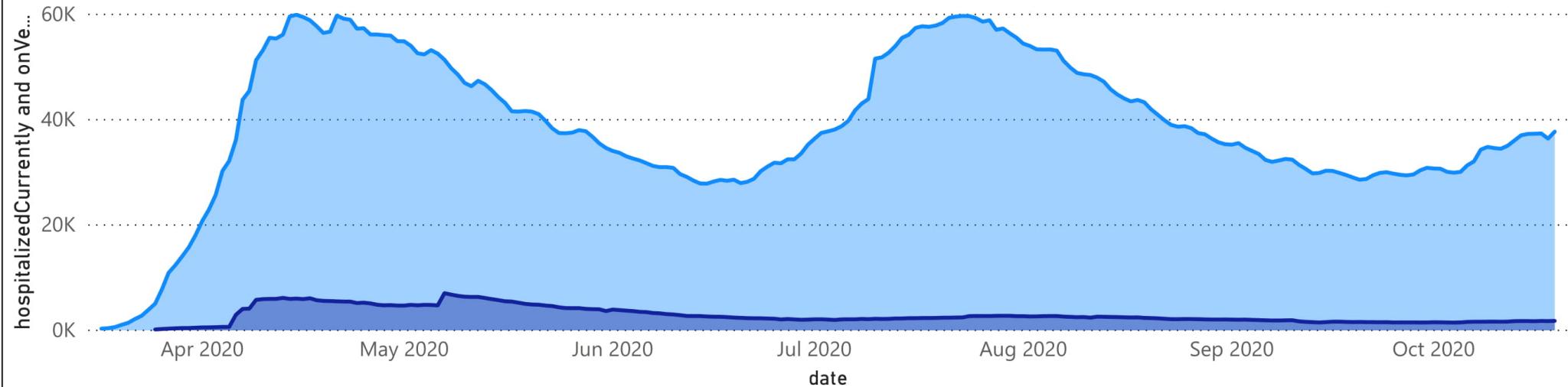


Earthstar Geographics SIO, © 2020 TomTom © 2020
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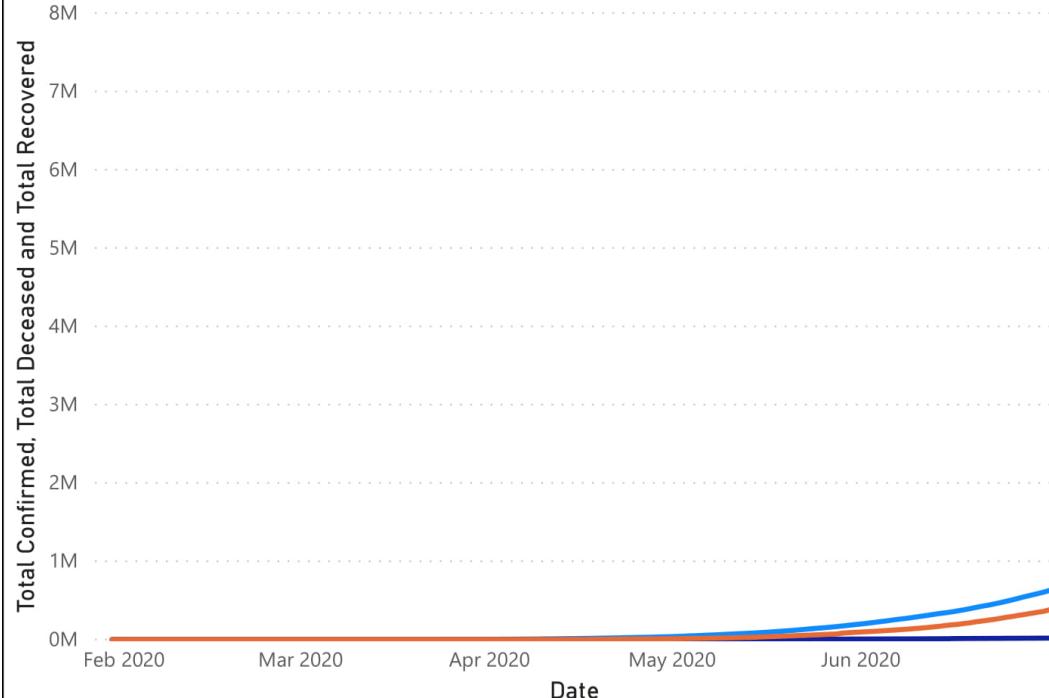
Currently hospitalized and onVentilatorCurrently by date

● hospitalizedCurrently ● onVentilatorCurrently



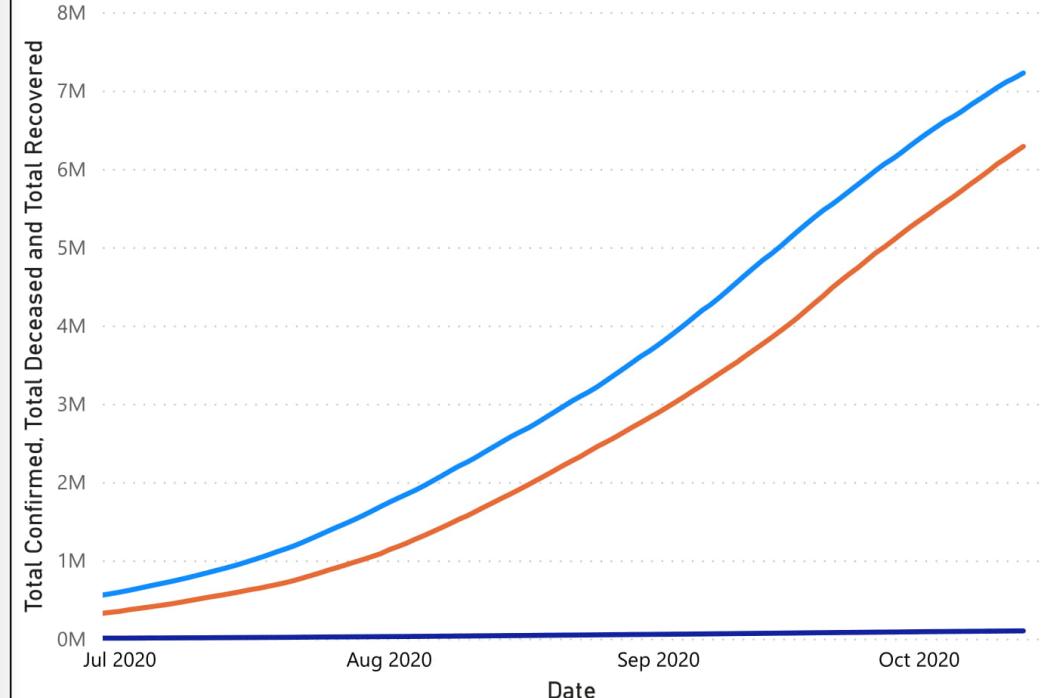
Total Confirmed, Total Deceased and Total Recovered by Date

● Total Confirmed ● Total Deceased ● Total Recovered

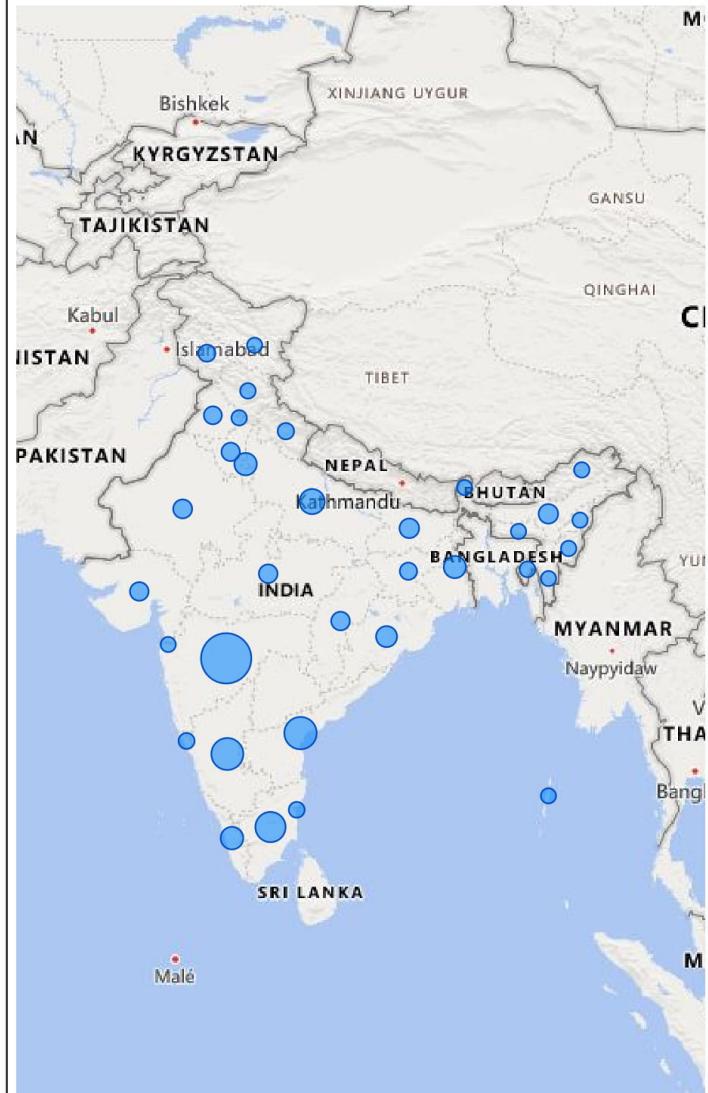


Confirmed, Deceased and Recovered cases after Unlock

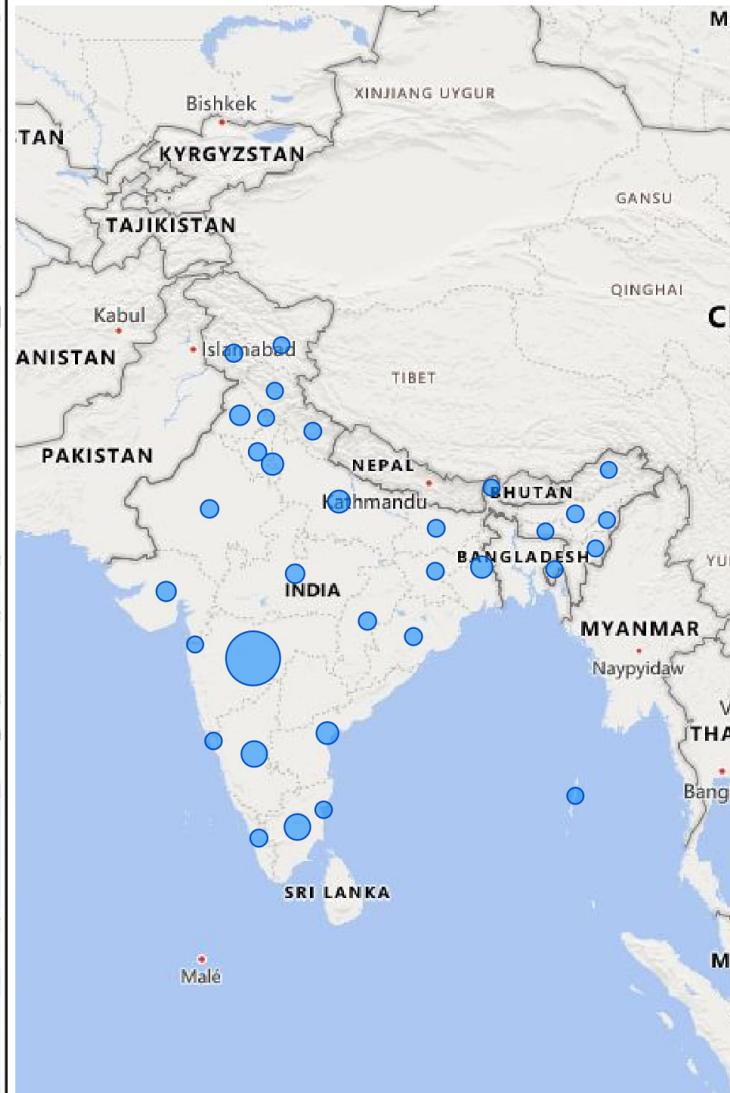
● Total Confirmed ● Total Deceased ● Total Recovered



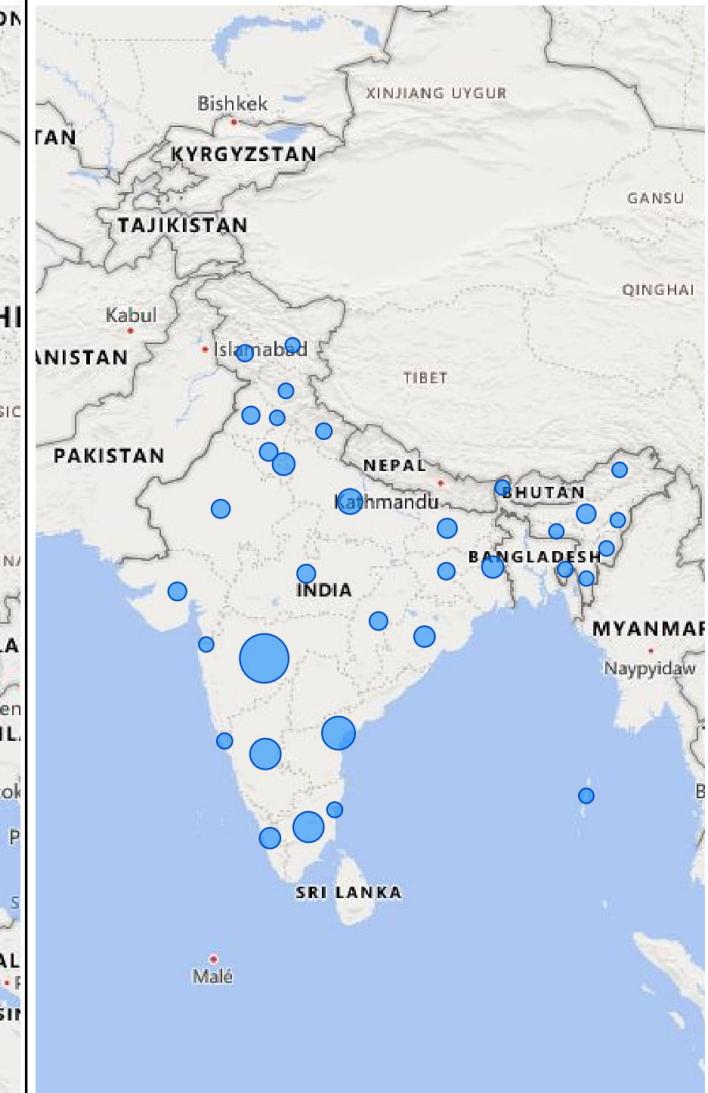
Confirmed cases



Death Cases



Recovered Cases



Comparison of COVID cases in India with other countries

2T

popData2019

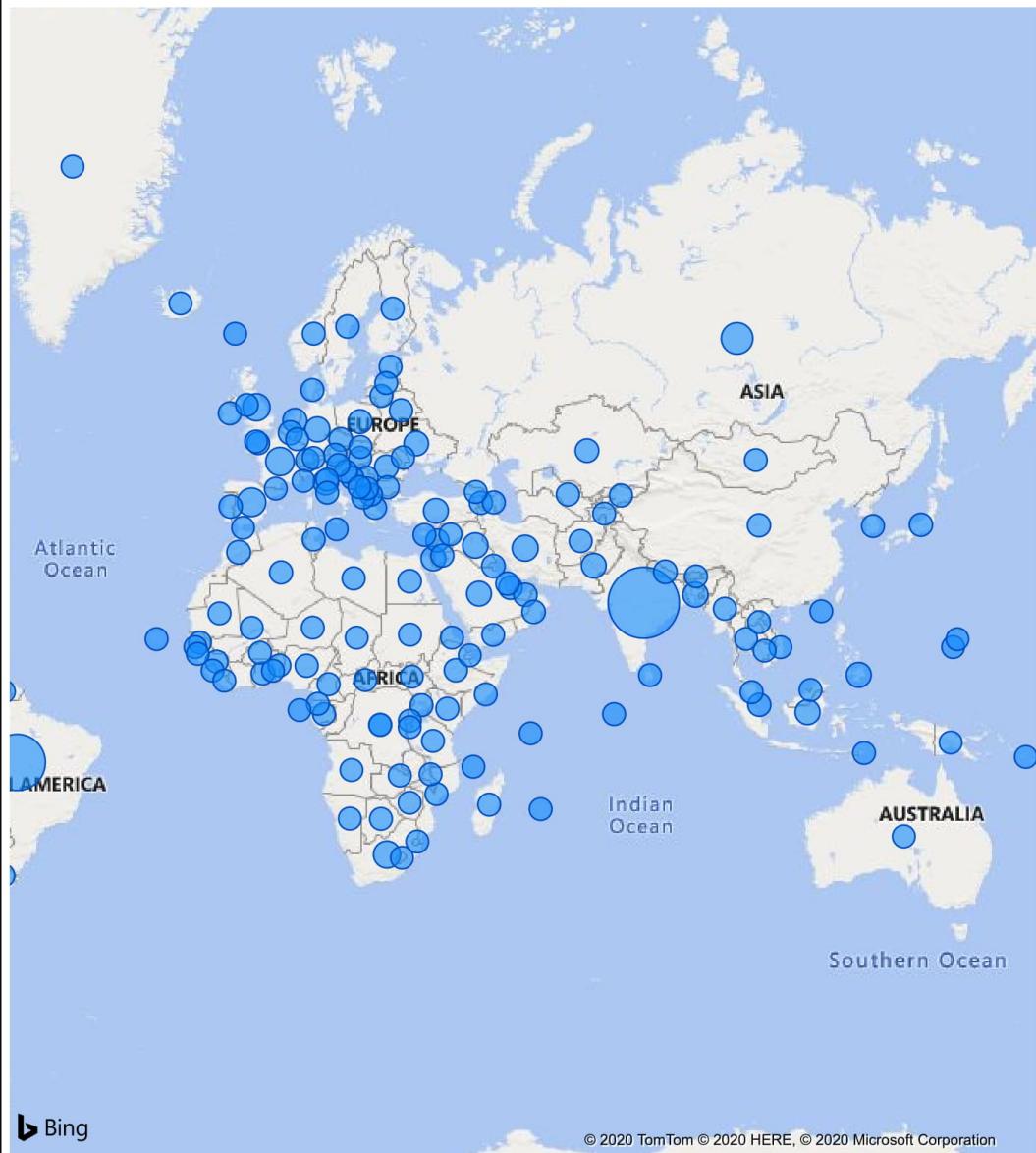
0bn

1.86M

2102bn

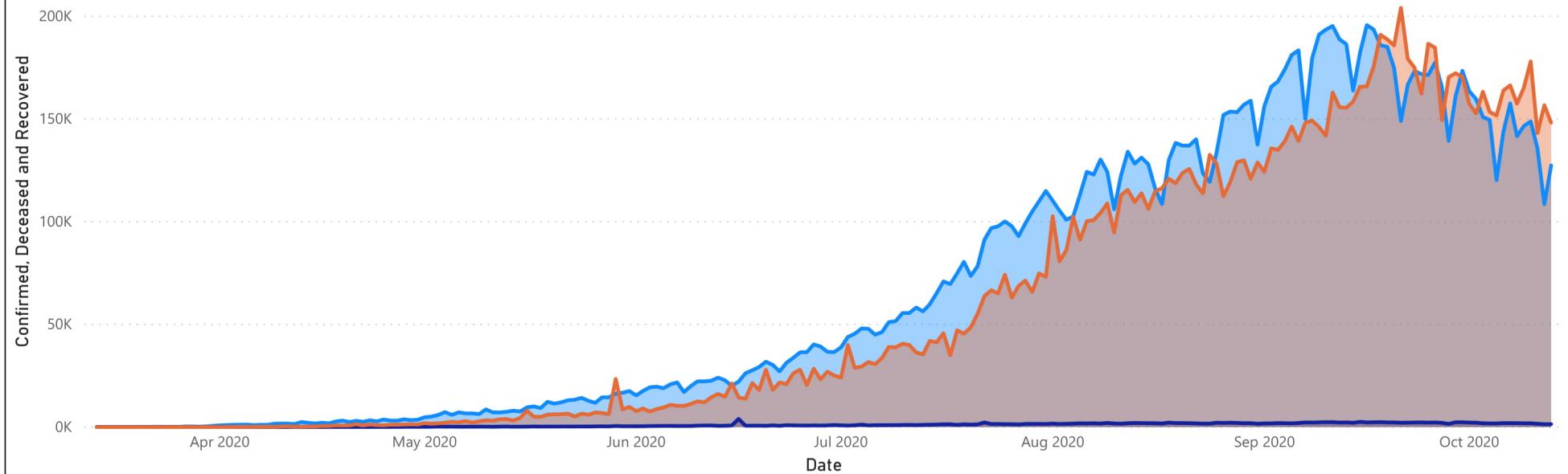
countriesAndTerritories	popData2019	countryterritory Code	Cumulative_number_for_1 4_days_of_COVID- 19_cases_per_100000
Afghanistan	10803858988	AFG	1,466.64
Albania	644046075	ALB	7,603.76
Algeria	12442332606	DZA	1,730.98
Andorra	16758940	AND	51,905.43
Angola	6746963388	AGO	279.71
Anguilla	3078504	AIA	67.24
Antigua_and_Barbuda	20782610	ATG	1,554.86
Argentina	10165213225	ARG	28,174.24
Armenia	842952480	ARM	27,224.44
Aruba	22431410	ABW	54,956.26
Australia	7409740800	AUS	1,515.28
Austria	2604479850	AUT	8,982.62
Azerbaijan	2883695353	AZE	5,901.58
Bahamas	84128976	BHS	18,350.08
Bahrain	480861052	BHR	64,525.73
Bangladesh	35707111887	BGD	3,257.32
Barbados	61996536	BRB	952.54
Belarus	2703388974	BLR	12,415.97
Belgium	3367922586	BEL	22,521.62
Belize	81973710	BLZ	8,990.88
Total	2101549866847		18,59,915.92

cases by countries



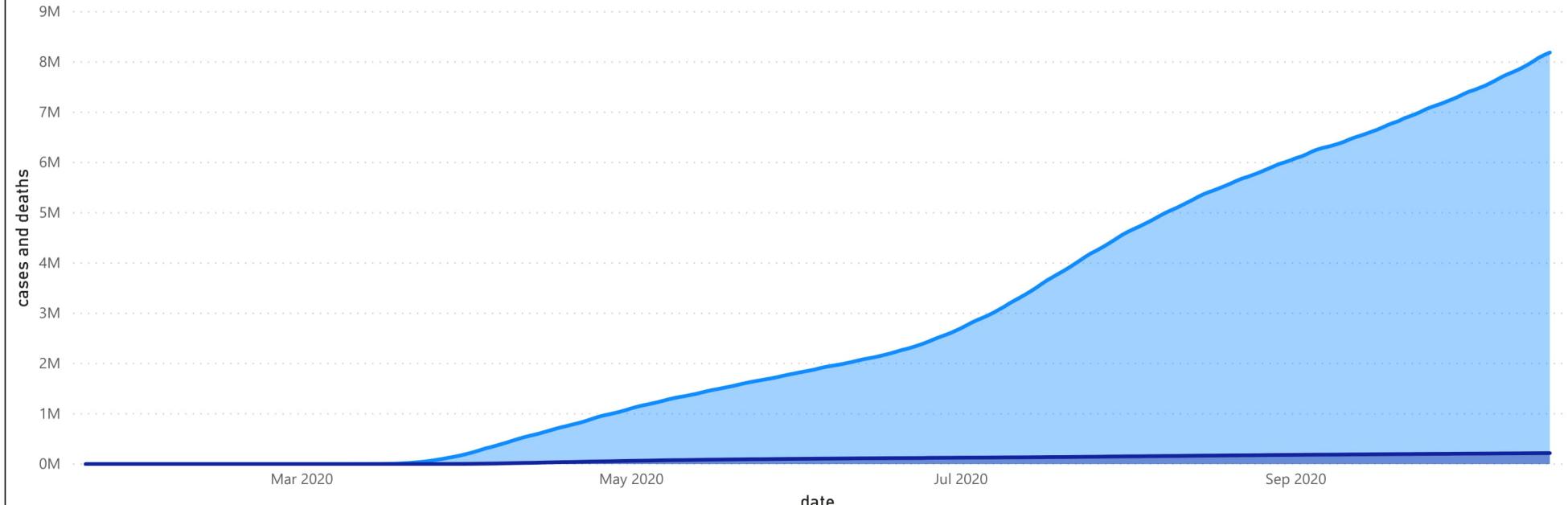
Confirmed, Deceased and Recovered Cases in India

● Confirmed ● Deceased ● Recovered



Confirmed and Deceased Cases in the USA

● cases ● deaths



Confirmed Recovered in Russia

CONFIRMED (+59933050%)

1.20M

2.0

970k

0.0

RECOVERED (+INFINITY%)

972K

Last 246 days ⓘ

Title

Confirmed and Deceased in India

Total Confirmed (+723728300%)

7.24M

7.2M

1.0

110k

0.0

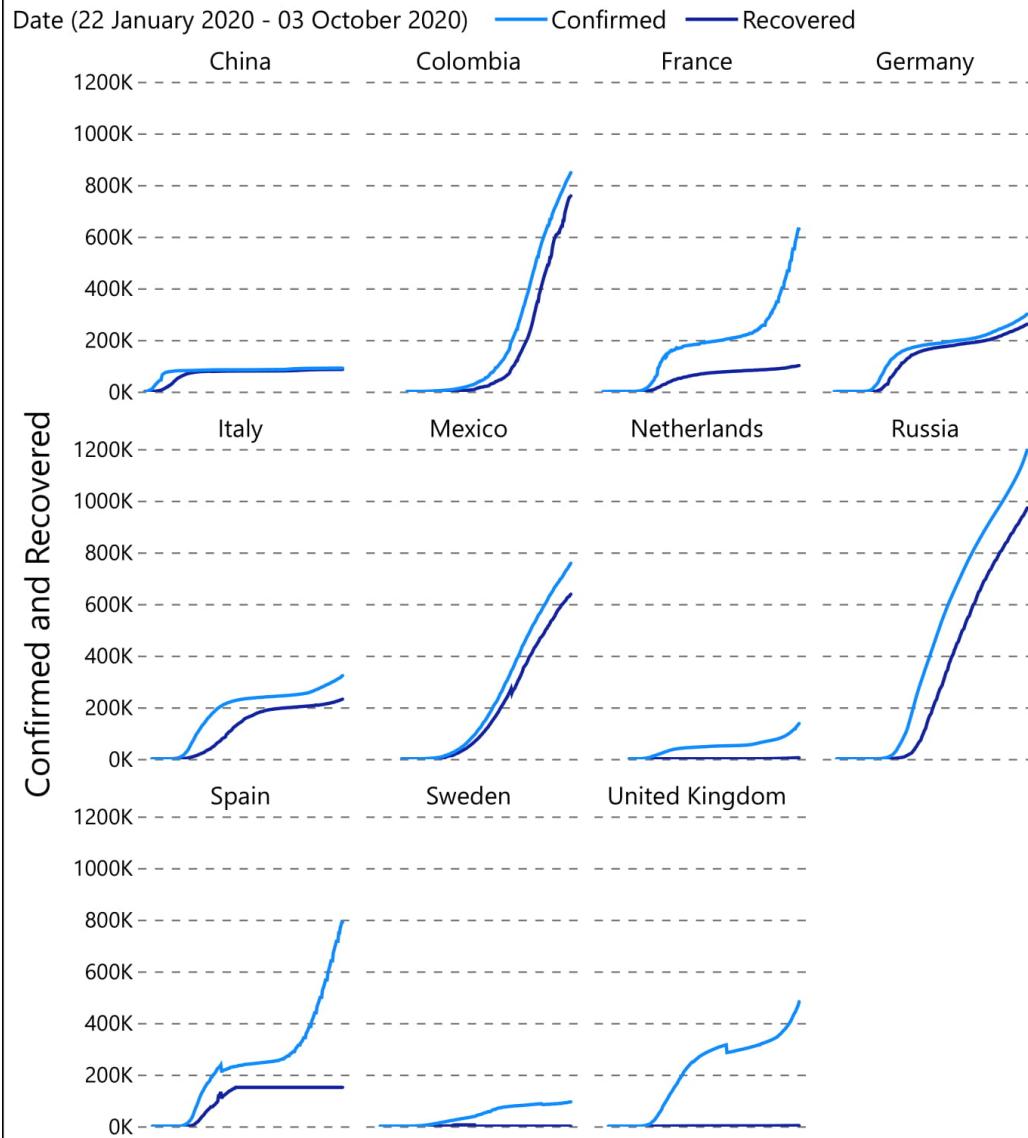
Total Deceased (n/a)

110K

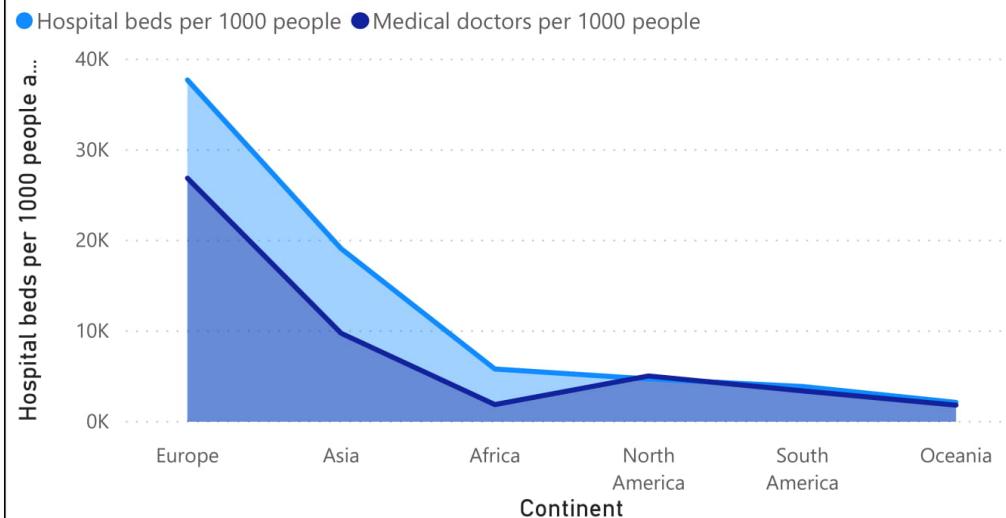
Last 257 days ⓘ

Title

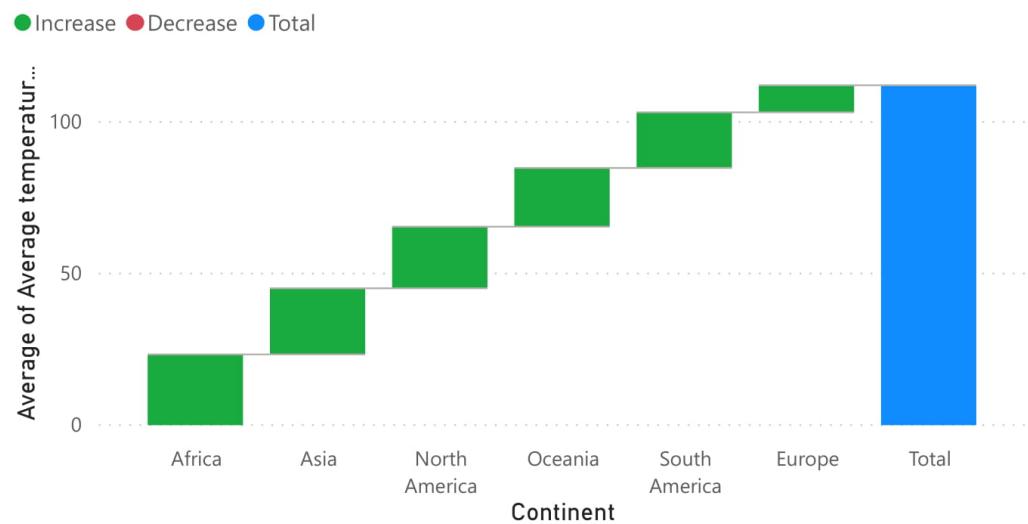
Confirmed and Recovered cases worldwide



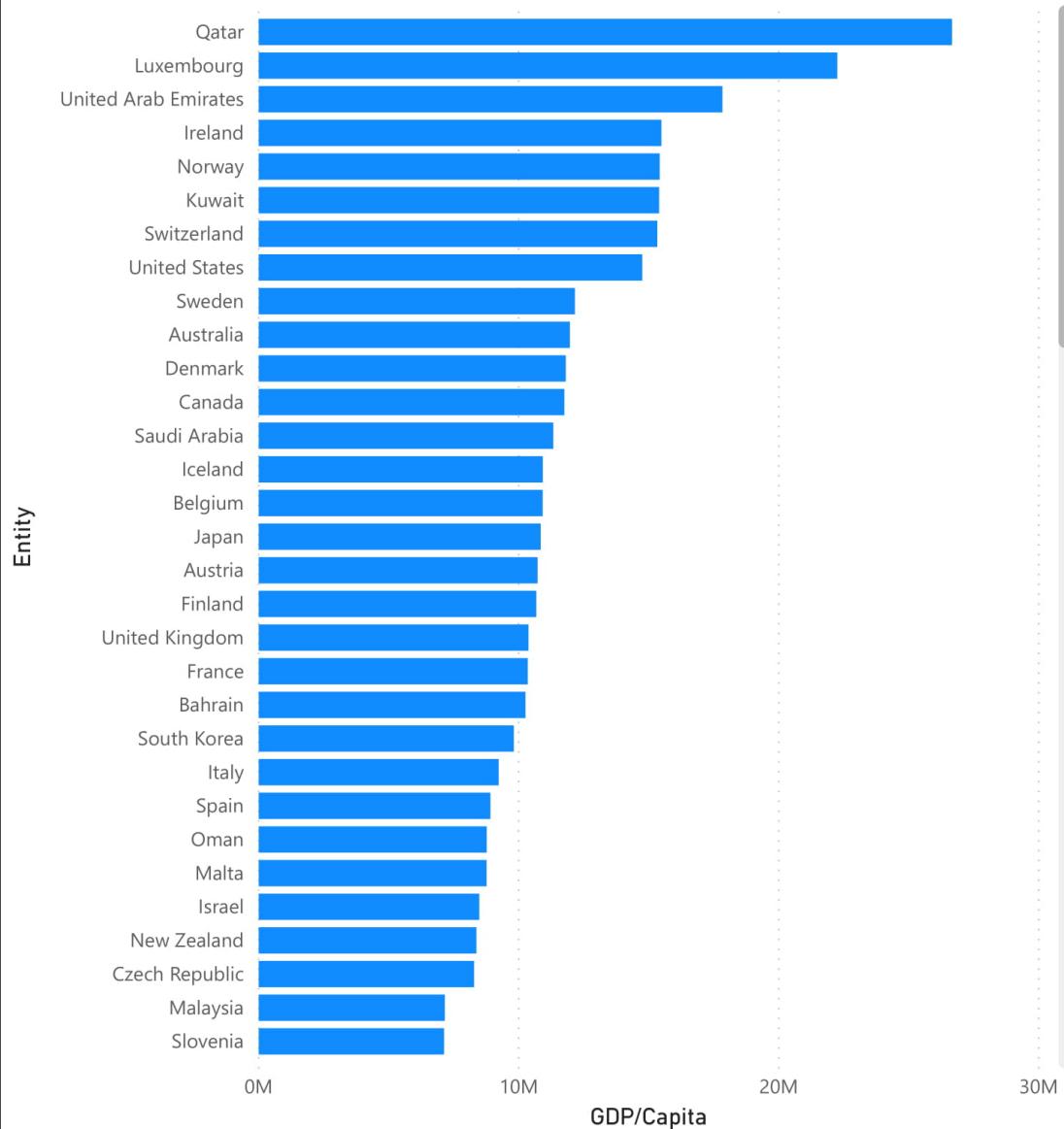
Hospital beds per 1000 people and Medical doctors per 1000 people by Continent



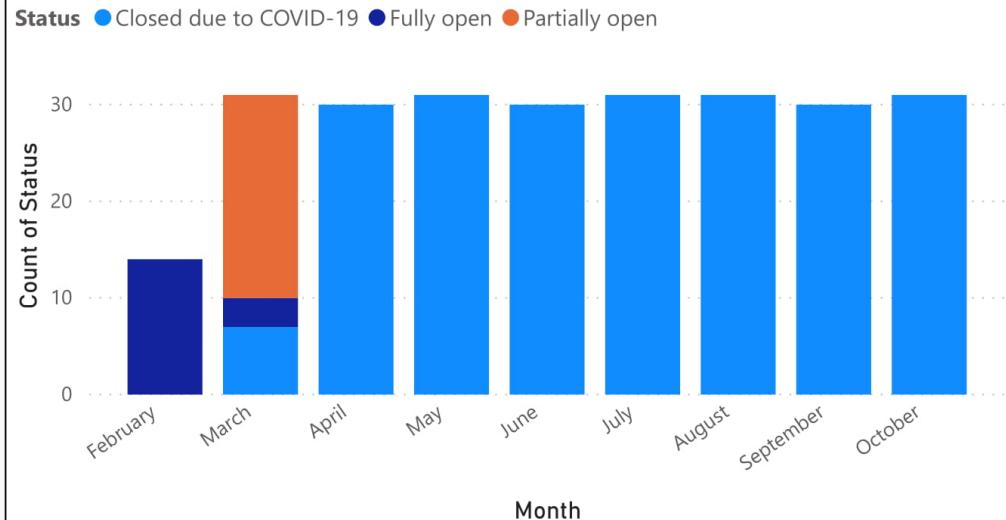
Average of Average temperature per year by Continent



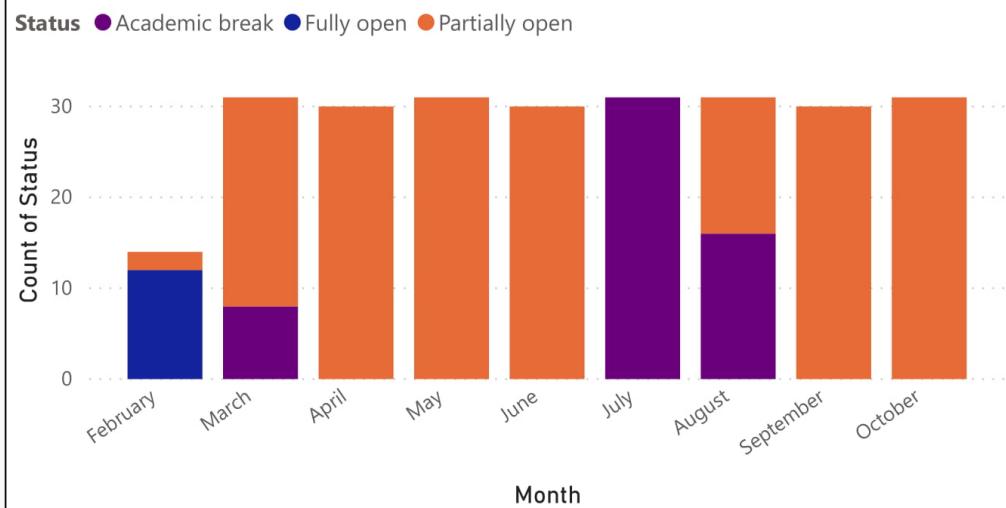
GDP/Capita by Entity



Count of Status by Month and Status

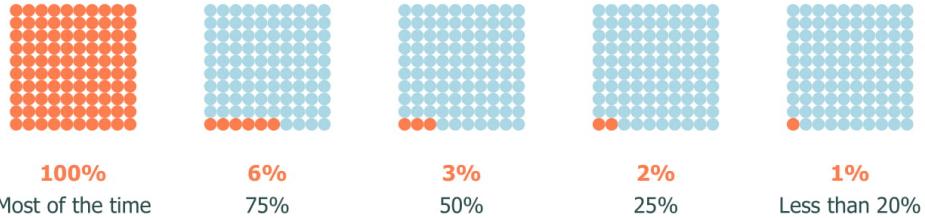


Count of Status by Month and Status

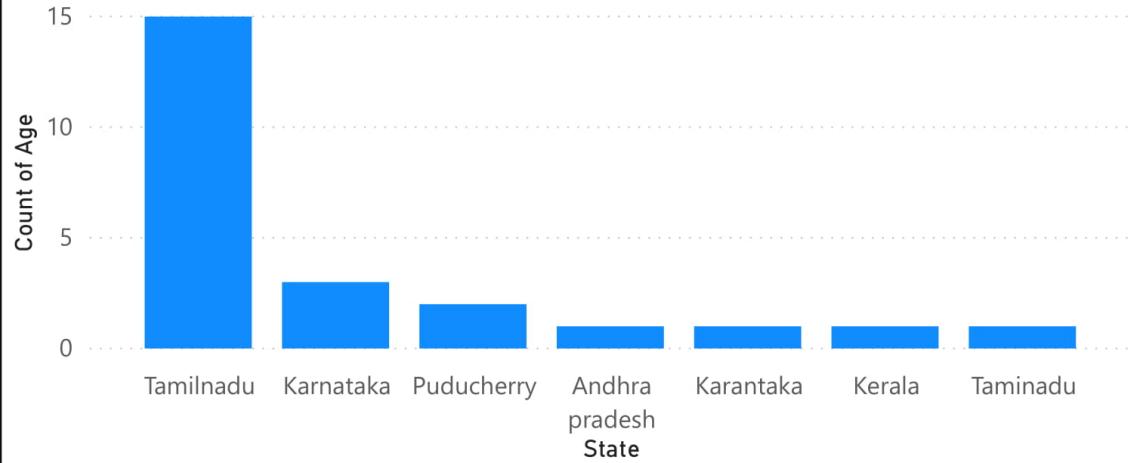


Result from the survey to better understand about people opinion

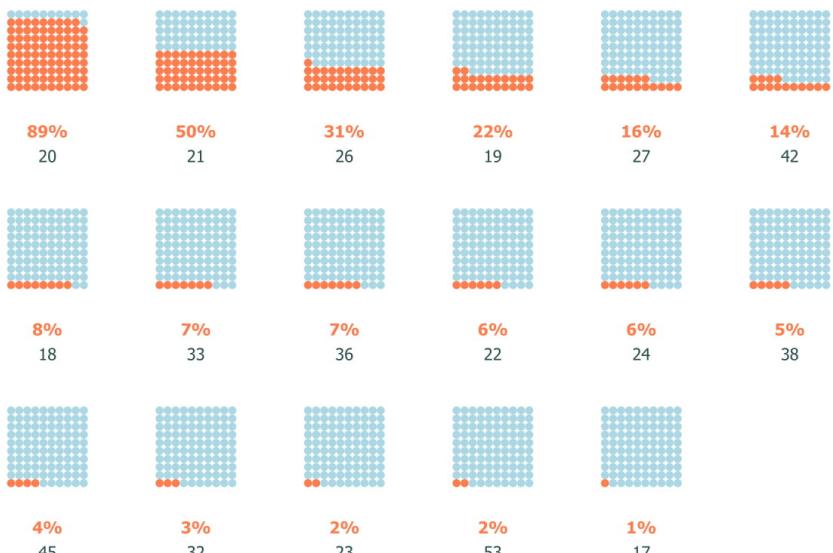
Level of hygiene while going outside



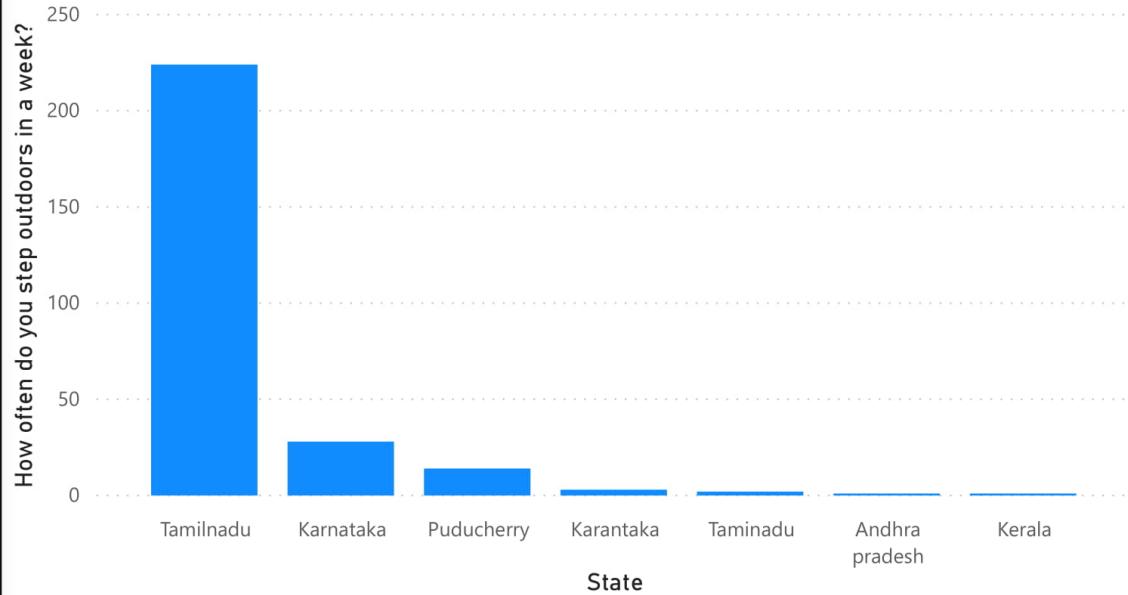
Count of Age by State



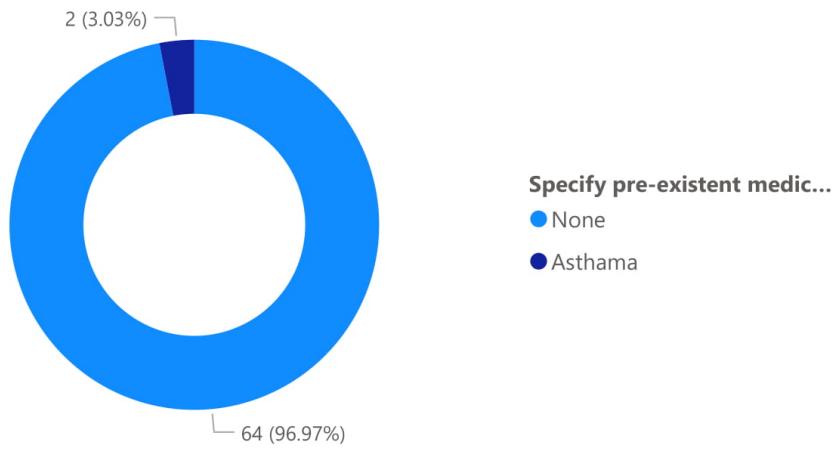
How often do you step outdoors in a week? by Age



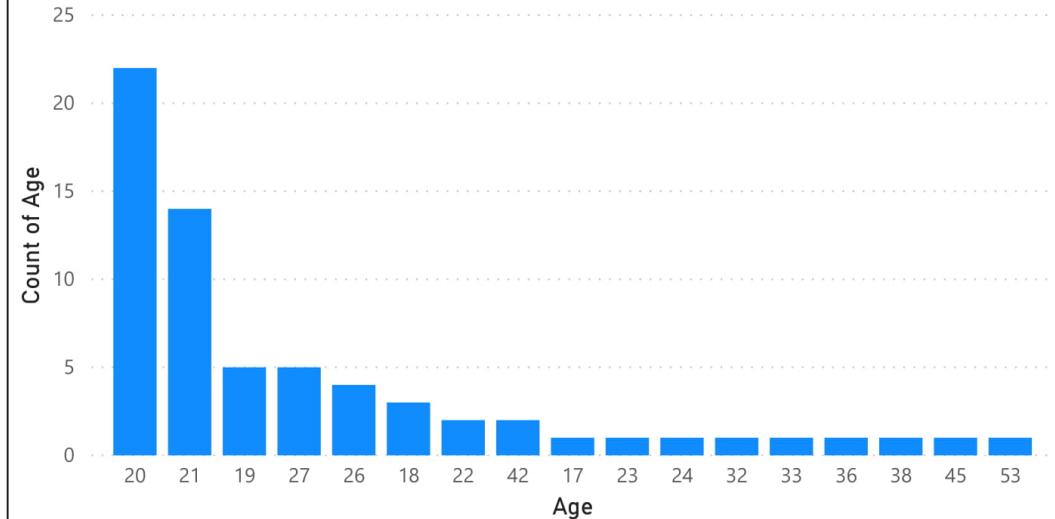
How often do you step outdoors in a week? by State



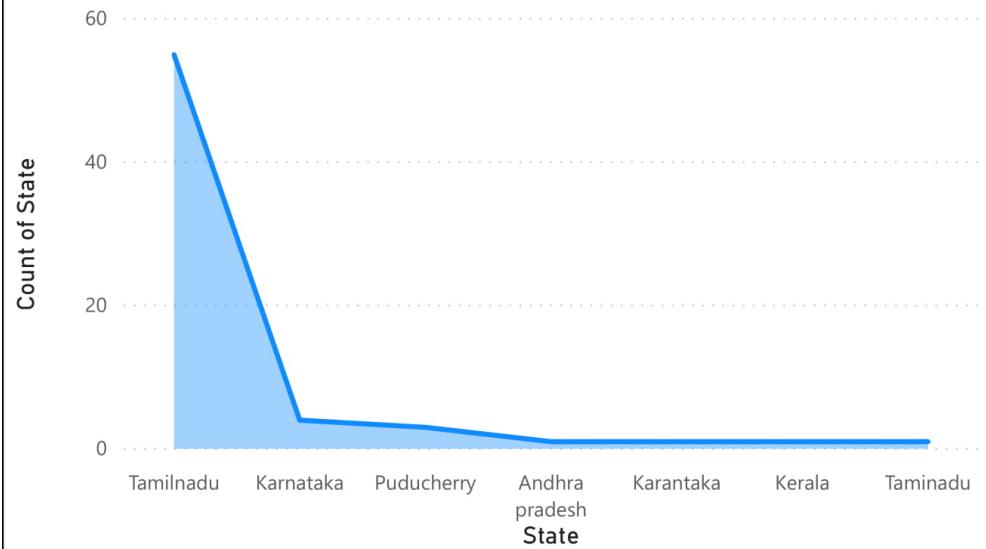
Count of State by Specify pre-existent medical condition



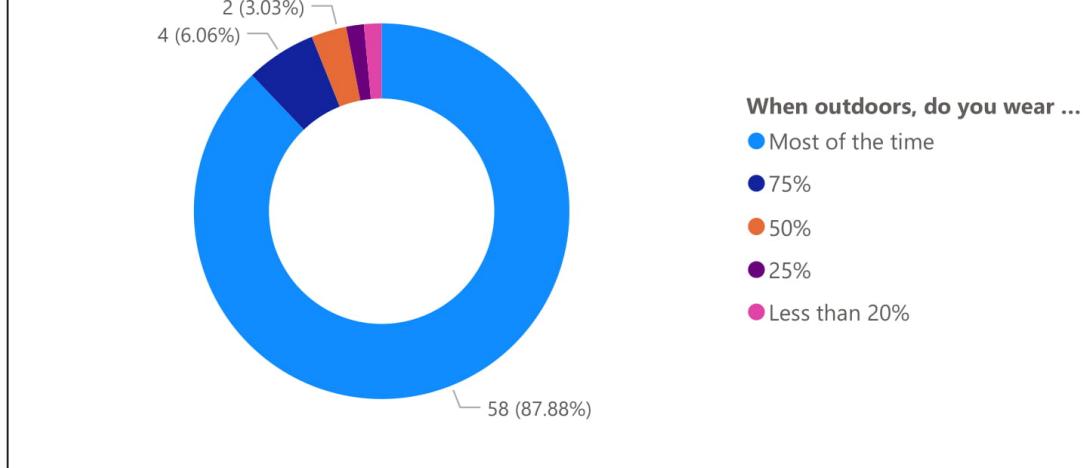
Count of Age by Age



Count of State by State



Count of When outdoors, do you wear your mask throughout the duration? by When outdoors, do you wear your mask throughout the duration?



Count of Covid 19 Rapid test by Covid 19 Rapid test

