

**GOVERNMENT OF INDIA  
MINISTRY OF HEALTH AND FAMILY WELFARE  
DEPARTMENT OF HEALTH AND FAMILY WELFARE**

**LOK SABHA  
UNSTARRED QUESTION NO. 2014  
TO BE ANSWERED ON 12<sup>TH</sup> FEBRUARY, 2021**

**TEST POSITIVITY RATE OF COVID-19**

**2014. PROF. SAUGATA RAY:  
SHRI HIBI EDEN:**

Will the Minister of **HEALTH AND FAMILY WELFARE** be pleased to state:

- (a) whether the Government is closely monitoring the test positivity rates in COVID-19 of States and UTs in India, if so, the details thereof including the comparative figures for the months starting February 2020 to till date, month-wise and State/UT-wise;
- (b) whether the Government has any data which shows the mode of testing in different States, if so, the details thereof including connection between antigen testing and rate of growth of COVID-19 in Kerala;
- (c) the demands raised by Government of Kerala to the Government for building the shield against COVID-19;
- (d) whether the Government considers test positivity or the number of deaths as a parameter for analyzing seriousness of COVID-19, if so, the details thereof; and
- (e) whether the Government is likely to intervene in tackling the COVID-19 crisis looming across Kerala and if so, the details thereof and steps taken by the Government in this regard?

**ANSWER**

**THE MINISTER OF STATE IN THE MINISTRY OF HEALTH AND  
FAMILY WELFARE  
(SHRI ASHWINI KUMAR CHOUBEY)**

(a): Yes. Ministry of Health and Family Welfare (MoHFW) is closely monitoring the test positivity rates in COVID-19 of States and UTs in India. Month-wise and State/UT-wise details are at **Annexure-I**.

(b): The main modality of testing opted by the States/ UTs are Rapid Antigen Testing (RAT) and Reverse Transcriptase Polymerase Chain Reaction Test (RT-PCR). State/UT-wise details of RAT and RT-PCR testing for the month of January 2021 is at **Annexure-II**.

The monthly Growth rate and use of rapid antigen tests in Kerala is at **Annexure-III**.

(c): During 2019-20 and 2021-21, State of Kerala had proposed an amount of Rs.74.21 Crores and Rs. 480.66 crores to GOI and the same was approved under India COVID-19 Emergency Response and Health System preparedness Project” for support under various activities like drugs, diagnostics, equipment, HR, IT support etc. The details of the proposals received from the State of Kerala is placed at **Annexure IV**.

The details of PPE, mask, ventilator, provided to Kerala (as on 10<sup>th</sup> February 2021) are as under:

<b>PPE Kits</b>	<b>N-95 Masks</b>	<b>Ventilators</b>
1.89 lakhs	8 lakhs	480

In addition, the State has been provided with COVID-19 vaccine for vaccination of healthcare workers and frontline workers.

(d): Ministry of Health and Family Welfare has taken into consideration (i) total cases (ii) total deaths (iii) recovery rate (iv) growth rate (v) tests per million, (vi) test positivity rate and (vii) case fatality rate as the key parameters for analyzing COVID situation and are followed-up on daily basis.

(e): Currently Kerala is reporting the highest number of active cases and daily new cases among all the States/ UTs. Government of India is having regular meetings with the State Government and reviewing the situation. Two Senior level Central Teams were deployed in quick succession (in the month of January and February 2021). The recommendations of these Teams have been shared with the State Government.

## Annexure-I

## State/UT wise COVID-19 Test positivity rate for the period May 2020 to January 2021

State/UT	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan
Andaman and Nicobar Islands	0.0%	0.8%	5.6%	33.5%	4.2%	3.9%	1.4%	1.0%	0.3%
Andhra Pradesh	0.8%	3.1%	22.6%	12.6%	12.0%	6.2%	2.3%	0.9%	0.6%
Arunachal Pradesh	0.0%	1.1%	5.2%	5.5%	21.8%	21.5%	11.3%	4.5%	1.7%
Assam	2.3%	2.3%	7.6%	8.0%	5.5%	2.7%	1.1%	0.7%	0.3%
Bihar	6.6%	5.1%	25.8%	3.3%	1.2%	0.9%	0.6%	0.5%	0.4%
Chandigarh	4.8%	3.7%	6.5%	15.2%	20.5%	8.4%	8.2%	6.0%	3.4%
Chhattisgarh	0.9%	2.6%	4.5%	12.0%	12.9%	10.2%	7.5%	5.2%	4.1%
Dadra and Nagar Haveli and Daman and Diu	0.0%	1.1%	7.4%	10.1%	5.9%	2.2%	0.9%	0.2%	0.2%
Delhi	11.3%	22.6%	8.4%	7.0%	6.7%	6.6%	11.3%	2.4%	0.5%
Goa	0.6%	2.1%	7.3%	14.3%	22.1%	18.8%	9.1%	6.6%	4.6%
Gujarat	8.2%	10.0%	10.4%	3.1%	1.7%	2.4%	3.0%	2.6%	2.3%
Haryana	1.6%	7.4%	5.3%	5.8%	8.8%	5.2%	8.9%	3.2%	0.9%
Himachal Pradesh	0.9%	1.4%	2.2%	4.5%	9.8%	7.4%	14.4%	6.7%	1.5%
Jammu and Kashmir	2.2%	2.7%	5.5%	7.5%	11.6%	5.4%	4.8%	2.9%	1.5%
Jharkhand	1.0%	2.7%	5.2%	5.8%	3.3%	1.9%	1.0%	0.9%	0.9%
Karnataka	1.0%	3.6%	13.6%	13.6%	12.7%	7.5%	2.0%	1.2%	0.7%
Kerala	1.9%	3.0%	6.8%	16.6%	14.8%	19.4%	9.4%	7.4%	12.8%
Ladakh	1.0%	13.9%	8.0%	11.6%	10.2%	15.6%	16.2%	9.4%	3.5%
Madhya Pradesh	4.0%	2.6%	4.1%	5.1%	8.6%	5.5%	4.5%	4.5%	2.3%
Maharashtra	15.3%	21.5%	21.3%	19.0%	24.1%	14.7%	7.9%	5.7%	5.3%
Manipur	0.6%	2.7%	4.4%	7.2%	5.3%	8.6%	8.7%	4.1%	1.7%
Meghalaya	0.5%	0.3%	11.7%	3.6%	6.2%	7.9%	4.6%	4.3%	1.0%
Mizoram	0.0%	1.3%	3.4%	3.0%	2.8%	2.1%	3.1%	1.3%	0.7%
Nagaland	5.8%	6.4%	10.5%	20.5%	16.1%	20.8%	19.4%	10.3%	4.1%
Odisha	1.3%	4.5%	10.0%	5.2%	8.0%	5.6%	2.2%	1.2%	1.0%
Puducherry	1.1%	6.4%	12.6%	33.1%	20.6%	11.2%	4.3%	3.0%	2.4%
Punjab	2.3%	1.5%	3.5%	7.9%	7.6%	2.8%	3.1%	2.2%	1.3%
Rajasthan	2.3%	2.4%	3.5%	5.7%	7.3%	9.8%	12.9%	6.5%	1.7%
Sikkim	0.0%	1.0%	7.7%	11.3%	10.9%	17.5%	20.8%	15.5%	3.8%
Tamil Nadu	5.0%	11.4%	9.6%	8.8%	6.9%	5.3%	3.0%	1.8%	1.2%
Telangana	9.3%	36.5%	35.2%	7.3%	4.6%	4.4%	3.2%	1.4%	1.0%
Tripura	2.0%	4.6%	2.9%	7.4%	13.2%	8.8%	3.6%	1.4%	0.4%
Uttar Pradesh	2.7%	5.3%	4.2%	4.1%	4.4%	1.5%	1.3%	0.9%	0.4%
Uttarakhand	3.6%	5.9%	4.4%	5.8%	9.5%	3.9%	3.9%	3.7%	1.5%
West Bengal	2.8%	4.4%	13.1%	9.3%	7.1%	9.0%	8.7%	5.7%	2.2%
India	4.7%	7.7%	10.2%	8.3%	7.8%	5.6%	4.2%	2.6%	2.0%

## Annexure-II

State/UT-wise details of RAT and RT-PCR testing (As on 9<sup>th</sup> February 2021)

State/UT	Total Tests	RTPCR Tests		Antigen Tests	
		Cumulative tests	Percentage Share	Cumulative tests	Percentage Share
<b>INDIA</b>	<b>20,33,24,655</b>	<b>9,97,49,863</b>	<b>49.06%</b>	<b>9,73,49,272</b>	<b>47.88%</b>
Uttar Pradesh	2,93,09,336	1,27,92,379	43.65%	1,60,44,650	54.74%
Bihar	1,94,49,935	28,76,116	14.79%	1,59,35,749	81.93%
Karnataka	1,77,15,053	1,35,96,970	76.75%	39,62,595	22.37%
Tamil Nadu	1,57,33,675	1,55,14,486	98.61%	20,686	0.13%
Maharashtra	1,45,28,250	85,40,536	58.79%	58,15,606	40.03%
Andhra Pradesh	1,26,44,264	50,89,763	40.25%	45,30,132	35.83%
Delhi	1,13,74,930	46,35,243	40.75%	66,07,378	58.09%
Gujarat	90,40,173	20,85,258	23.07%	69,10,656	76.44%
Kerala	85,89,799	28,34,728	33.00%	53,58,274	62.38%
West Bengal	80,18,878	41,47,708	51.72%	37,11,676	46.29%
Odisha	75,76,249	14,92,264	19.70%	60,24,881	79.52%
Telangana	68,32,054	10,60,226	15.52%	57,55,537	84.24%
Assam	54,30,286	15,81,991	29.13%	37,96,460	69.91%
Rajasthan	53,42,859	52,38,841	98.05%	15,370	0.29%
Madhya Pradesh	52,68,321	32,52,596	61.74%	18,97,358	36.01%
Haryana	51,37,139	38,70,598	75.35%	12,14,855	23.65%
Jharkhand	49,54,809	16,15,392	32.60%	26,26,163	53.00%
Punjab	45,40,318	33,85,946	74.58%	10,72,876	23.63%
Chhattisgarh	41,20,673	13,36,439	32.43%	24,88,871	60.40%
Jammu And Kashmir	24,30,018	11,86,886	48.84%	12,21,061	50.25%
Uttarakhand	22,05,575	16,70,019	75.72%	4,43,344	20.10%
Himachal Pradesh	9,66,422	6,18,615	64.01%	3,31,347	34.29%
Tripura	5,33,486	2,03,129	38.08%	3,07,044	57.55%
Manipur	5,30,058	2,05,270	38.73%	2,95,094	55.67%
Goa	4,96,876	72,465	14.58%	1,71,093	34.43%
Puducherry	3,36,811	1,82,507	54.19%	1,42,768	42.39%
Meghalaya	2,93,989	88,240	30.01%	1,84,089	62.62%
Chandigarh	2,30,550	1,14,777	49.78%	1,07,164	46.48%
Mizoram	2,08,458	93,691	44.94%	96,664	46.37%
Arunachal Pradesh	1,74,294	44,339	25.44%	1,23,791	71.02%
A&N Islands	1,33,030	47,397	35.63%	78,664	59.13%
Daman & Diu And Dnh	1,20,642	1,16,206	96.32%	4,308	3.57%
Ladakh	91,996	54,984	59.77%	33,671	36.60%
Nagaland	80,790	46,667	57.76%	16,886	20.90%
Sikkim	62,508	54,146	86.62%	2,499	4.00%
Lakshadweep	3,432	3,045	88.72%	12	0.35%

\* The percentages indicated above may not add up to 100%, as States/UTs are also adopting other modalities like CBNAAT, Truenat and Other Testing Platforms for COVID-19.

**Annexure-III**

Monthly Growth rate and use of COVID-19 rapid antigen tests in Kerala from July 2020 to January 2021

<b>Month</b>	<b>Cumulative Cases beginning</b>	<b>Cumulative Cases end of the month</b>	<b>Growth Rate</b>	<b>Total Tests</b>	<b>RAT Tests</b>	<b>% RAT of total tests conducted</b>
July	4442	22303	5.5%	270335	1187	0.40%
August	23613	73855	3.9%	309937	122255	39.40%
September	75385	187276	3.2%	766407	440492	57.50%
October	196106	425122	2.6%	1225874	834940	68.10%
November	433105	599600	1.1%	1857485	1195592	64.40%
December	602982	755718	0.8%	2112894	1508492	71.40%
January	760933	923912	0.6%	1306263	868023	66.50%

**Annexure IV****Details of the proposals received from the State of Kerala**

(Amount in Rs. Crore)

Sl. No.	FMR Code	Proposal 2019-20	Proposal 2020-21	Total amount proposed
B.31	COVID 19			
B.31.1	Diagnostics including sample transport	17.56	74.97	92.53
B.31.2	Drugs and supplies including PPE and masks	6.15	122.09	128.24
B.31.3	Equipment/ facilities for patient-care	31.68	51.44	83.12
B.31.4	HR (Existing and Additional)including incentives for Community Health Volunteers	8.25	172.68	180.93
B.31.5	Surveillance & Mobility Support	3.47	9.42	12.89
B.31.6	IT systems including Hardware and software, etc. (Total)	0.50	6.64	7.14
B.31.7	IEC/BCC (Total)	5.20	15.75	20.95
B.31.8	Training (Total)	0.00	0.86	0.86
B.31.9	Miscellaneous (Total)	1.40	26.80	28.20
	<b>Total</b>	<b>74.21</b>	<b>480.66</b>	<b>554.8</b>