



Ministry of Health and Family Welfare



Centre advises States to conduct State-specific Sero Surveys in consultation with ICMR to generate district-level data on sero-prevalence



The findings would guide formulation of localized Public Health Responses for COVID19 management

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The Union Government has advised all States/UTs to conduct sero-prevalence surveys in consultation with ICMR to generate district-level data on sero-prevalence which is essential in formulating localized public health response measures. This has been stated in the letter written by the Union Health Secretary to Additional Chief Secretary/Principal Secretary/Secretary (Health) of all States.

The Union Health Ministry has referred to the findings of the 4th round of National Sero-Prevalence Survey done by ICMR and has advised the States to conduct the sero-prevalence studies in their own States/UTs in consultation with ICMR, so that such studies follow a standardized protocol, and the findings of such studies can then be utilized quickly by the respective State/UT to guide objective, transparent and evidence-based public health response to COVID-19.

It has been pointed out that the Indian Council of Medical Research (ICMR) has conducted the recent National Sero-survey in 70 districts of India. The findings of this survey indicate the State-wise sero-prevalence as below:



Sero-positivity in the general population by State

State	Total Tested	IgG positives (N/S)	Seroprevalence %	State	Total Tested	IgG positives (N/S)	Seroprevalence %
Madhya Pradesh	1229	971	79.0	Punjab	1581	1052	66.5
Rajasthan	1226	934	76.2	Telangana	1373	866	63.1
Bihar	2461	1867	75.9	Jammu & Kashmir	430	271	63.0
Gujarat	1219	918	75.3	Himachal Pradesh	400	248	62.0
Chhattisgarh	1198	894	74.6	Jharkhand	1231	753	61.2
Uttarakhand	401	293	73.1	West Bengal	2042	1243	60.9
Uttar Pradesh	3733	2650	71.0	Haryana	398	239	60.1
Andhra Pradesh	1260	885	70.2	Maharashtra	2468	1432	58.0
Karnataka	1326	926	69.8	Assam	1203	605	50.3
Tamil Nadu	1258	870	69.2	Kerala	1308	581	44.4
Odisha	1230	838	68.1				

The national sero-survey by ICMR was designed to capture the extent of the spread of Covid infection at the national level. Therefore, the national sero-survey results do not reflect the heterogeneity of seroprevalence between districts and even between States.

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HFV/COVID19 Serosurvey by states/28thJuly2021/5

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