



GOVERNMENT OF KERALA

Abstract

Health and Family Welfare Department - Covid-19 - Identification of Hot Spots – Orders issued.

HEALTH AND FAMILY WELFARE (F) DEPARTMENT

G.O.(Ms)No.68/2020/H&FWD Dated,Thiruvananthapuram,
19/04/2020

Read G.O (MS) No. 78/2020/GAD dated 17/04/2020.

ORDER

As per Government Order read above, Government have issued revised guidelines to all Departments, District Collectors, Superintendents of Police and other Heads of Departments for the containment activities of COVID-19 epidemic for strict implementation in the State of Kerala. Also, Government have decided to identify the Hot Spot areas where the intensity of the disease is high. Accordingly, the activities of these areas will be regulated as per the instructions issued from Government from time to time.

The Government Order mandated Health and Family Welfare Department to declare the Hot spots.

The State Executive Committee decided the methodology for identifying the Hot spots in its meeting on 19th April 2020.

1.The criteria and methodology are as follows -

- I. All LSGs with a positive case or primary contact or secondary contact was first enlisted.
- II. The number of positive cases, primary contacts and secondary contacts in each of the above Local Self Governments (LSG) were tabulated. The data of Positive cases, Primary Contacts and Secondary contact as on 16th April 2020 was taken for the Hotspot analysis.
- III. The individual cell value of the positive, primary and secondary were normalised with the sum of the respective column [Normalised Value = $N \text{ value} * 100 / (\text{Sum of } N)$]
- IV. Weights were applied to the positive cases, primary and secondary contacts as follows:
 - a. Normalised Value of LSG for Positive Cases - 50%
 - b. Normalised Value of LSG for Primary Contacts - 35%

c. Normalised Value of LSG for Secondary Contacts - 15%

V. The above criteria were applied to give a scaled weightage to the LSGs with
a positive case and/or primary contact and/or secondary contact.

VI. The natural break of the scaled weightage as against the LSG with at least
one positive case was examined. This was found to be 0.34.

VII. All LSGs with >0.34 scaled weightage was identified as Hot spots

VIII. This way, 88 Local Self Governments identified.

a. The list of Local Self Governments is attached

b. A map of the identified Local Self Governments is attached

2. As epidemic is dynamic and situation changes every day, it is decided that the data analysis shall be done daily to decide the addition of the Hot spot areas. Health and Family Welfare department shall publish in daily bulletin the additional Hot spots, if any.

3. It is also decided that the deletion of the Hot spots shall be done after weekly data analysis. Accordingly, Health and Family Welfare Department shall publish in the bulletin the deletion of Hot spots.

4. On the basis recommendation of the State Executive Committee held on 19-4-2020, Government declare 88 Local Self Governments (Corporation/Municipality/Panchayat) mentioned in the Annexure attached herewith as Hot spots.

5. As per the G.O (MS) No. 78/2020/GAD dated 17/04/2020, the restrictions and regulations mentioned for the Red districts shall be applicable to all the 88 Local Self Governments mentioned in the Annexure attached herewith as Hot spots.

(By order of the Governor)

RAJAN NAMDEV KHOBRADE
PRINCIPAL SECRETARY

To:

All Additional Chief Secretaries
The State Police Chief
All Principal Secretaries
All Secretaries
All Heads of the Department
All District Collectors
All District Superintendent of Police
All Commissioners of Police

The Director Information & Public Relations Department
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The Private Secretary to Minister Health & Social Justice
The Special Secretary to Chief Secretary
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Section Officer