



**GOVERNMENT OF KARNATAKA**

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Karnataka Government Secretariat  
Vikasa Soudha  
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**CIRCULAR**

**Sub : Definition of hotspot, cluster and containment  
Zone – Reg.**

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The various documents issued by WHO and Government of India do not define hotspot, cluster and containment zone very clearly. The 'hot spot' is used in common lingo, but not defined anywhere.

In the Video Conference held by the Cabinet Secretary, the States were advised to come out with their own definition of hotspot depending on local conditions. The Hotspot, Cluster and Containment zones will be defined as below:

**1. Hotspot :**

Hotspot is a geographical area with well-defined administrative boundary (Revenue village in case of rural area and Ward in case of urban area) which satisfies any of the following two conditions:

a) At least one Covid *positive case in the last 28 days.*

or

b) At least *50 contacts of Covid positive person who are under active quarantine.*

**2. Definition of cluster:**

2.1 As per CDC (Centre for disease control) **Cluster** refers to an aggregation of cases grouped in place and time that are suspected to be greater than number expected, even though the expected number may not be known.

- 2.2 Even one case of Covid positive should be considered as a Cluster.
- 2.3 Epidemiologically linked multiple cases will also constitute one cluster.

**3. Containment zone for Surveillance :**

- 3.1 Containment zone will be area within 3 km radius of a Covid positive patient's residence (Epicentre). The zone should be properly defined by geographical features like roads, bridges, parks etc.
- 3.2 Each containment zone will have at least one hotspot.
- 3.3 Based on movement of positive cases and close contacts containment zone can be one village/ward, multiple villages, apartment complex, taluk or district.
- 3.4 There can be multiple containment zones for same cluster.
- 3.5 The house to house surveillance for Covid-19 in the Containment Zone has to be done as per the cluster containment plan prepared at the district level and to take all measures to stop the spread of infection.

*Jawaid 11/4/20*  
(Jawaid Akhtar)

**Additional Chief Secretary to Government  
Department of Health and Family and  
Medical Education**

To:

1. All Additional Chief Secretaries / Principal Secretaries / Secretaries
2. Director General of Police, Police department.
3. Commissioner, Health & Family Welfare Services.
4. Mission Director, National Health Mission
5. All Commissioners, Metropolitan Corporation /All Municipal Commissioners, City Municipal Councils / Chief Officers, Town Municipal Councils
6. All Deputy Commissioners
7. All Police Commissioners / Police Superintendents
8. All Chief Executive Officers, Zilla Panchayat
9. All Dean & Directors, Medical Colleges
10. All District Health & Family Welfare Officers
11. All District Surgeons, District Hospital
12. The Commissioner, Department of Information and Public relation, for wide publicity.
13. O.S.D. SSU Covid-19.
14. Special Officer, I.E.C. & J.D. ABArK.