

Criteria to Label Heatstroke/Heat-Related Deaths in Clinical Setting

- For application of any of following criteria, **environmental criteria** (described below) must be met.
- Please report accordingly in Nat. Heat-Related Illness & Death surveillance at <https://ihip.mohfw.gov.in/npcchh> using **p-form user** credentials.

Criteria (for each category, all criteria should be met)	Identify as
1. Antemortem core body temperature $\geq 105^{\circ}\text{F}$ ($\geq 40.5^{\circ}\text{C}$) <input type="radio"/> 2. + H/O Mental status change <input type="radio"/> 3. + No alternate definite diagnosis <input type="radio"/> 4. + Environmental criteria met (see below) <input type="radio"/> OR H/O Heat stress <input type="radio"/> <i>(Worked in poorly ventilated space/Vigorous physical activity)</i>	Confirmed Heatstroke Death (label as Suspected Heatstroke Death till all category criteria are confirmed)
1. Antemortem core body temperature $< 105^{\circ}\text{F}$ ($< 40.5^{\circ}\text{C}$) <input type="radio"/> 2. + H/O attempted body cooling prior to arrival <input type="radio"/> 3. + H/O Mental status change <input type="radio"/> 4. + No alternate definite diagnosis <input type="radio"/> 5. + Environmental criteria met <input type="radio"/> OR H/O Heat stress <input type="radio"/> <i>(Worked in poorly ventilated space/Vigorous physical activity)</i>	
1. Death of suspected heatstroke case <input type="radio"/> 1. Antemortem core body temperature not assessed <input type="radio"/> 2. + H/O Mental status change <input type="radio"/> 3. + Environmental criteria met <input type="radio"/> 4. + No alternate definite diagnosis <input type="radio"/>	Suspected Heatstroke Death until an alternate diagnosis is confirmed
1. Clinical assessment not possible/Patient brought dead <input type="radio"/> 2. + H/O Pre-existing disease known to be exacerbated by heat stress <input type="radio"/> <i>(Chronic CVD, respiratory, renal disease, DM, obesity, physical/mental disability, or use of antihistamines, antipsychotics, beta blockers, CCBs, SSRIs, Diuretics)</i> 3. + Environmental criteria met <input type="radio"/>	
1. Patient brought dead <input type="radio"/> 2. + Environmental criteria met <input type="radio"/> 3. + From any of below vulnerable groups <div> <input type="radio"/> Elderly <input type="radio"/> Infant/children <input type="radio"/> Farmers <input type="radio"/> Homeless <input type="radio"/> Outdoor laborers <input type="radio"/> Vendors <input type="radio"/> rickshaw pullers <input type="radio"/> Chronically sick <input type="radio"/> Watchman, driver <input type="radio"/> Delivery persons </div>	

Environmental criteria

Active Heatwave or Severe Heatwave alert existed at the location of symptom onset ☐

If **NO active heatwave alert**, check for maximum daytime temperature

Maximum daytime temperature	Plain region	Coastal region	Hilly region
	$> 40^{\circ}\text{C}$ <input type="radio"/>	$> 37^{\circ}\text{C}$ <input type="radio"/>	$> 30^{\circ}\text{C}$ <input type="radio"/>

Check IMD Warnings and temperatures at <https://mausam.imd.gov.in/>

- District wise warning at [map: https://mausam.imd.gov.in/responsive/districtWiseHeatwaveWarning.php](https://mausam.imd.gov.in/responsive/districtWiseHeatwaveWarning.php)
- Latest alerts issued: <https://cap-sources.s3.amazonaws.com/in-imd-en/rss.xml>
- Mausum app (IMD) or [SACHET app \(NDMA\)](#)