

<b>Sphere India- Heatwave Risk Assessment Key Informant Survey Questionnaire</b>		<b>Date of Assessment:</b>	To be Used by the: Volunteers To be used for: Administration, Hospitals, Schools (District level)	
District	Type (Administration, Hospitals, Schools)	Name of the Person Interviewed	Contact Number	Designation
<b>Population characteristics of the District (No.)</b>				
Adult (Male)	Adult (Female)	Children (Male)	Children (Female)	Others
Total number of affected people				
Gender-wise segregation of the affected people		<input type="radio"/> Number of Adult (Male) – <input type="radio"/> Number of Adult (Female) – <input type="radio"/> Number of Children (Male) – <input type="radio"/> Number of Children (Female) – <input type="radio"/> Number of Others –		
Community wise segregation of affected people		<input type="radio"/> SC- <input type="radio"/> ST- <input type="radio"/> OBC- <input type="radio"/> General-		
Age group-based segregation of affected people		<input type="radio"/> Below 12 years - <input type="radio"/> 12-18 years - <input type="radio"/> 18-44 years - <input type="radio"/> 45-65 years - <input type="radio"/> 65+ -		
<b>Hospitals</b>				
Were or are there any cases of heat-related illnesses in the district?		<input type="radio"/> Yes <input type="radio"/> No		
If yes, how many heatwave affected were/are recorded?		_____ (Males= Females= Children= )		
What is the duration (in days) of these recorded cases? Specify month/s too.				
Were there any casualties?		<input type="radio"/> Yes <input type="radio"/> No		
How many people succumbed to death due to heatwave and its impacts?		_____ (Males= Females= Children= )		
What was the level of severity of these recorded cases?		<input type="radio"/> Extremely severe <input type="radio"/> Severe <input type="radio"/> Less Severe <input type="radio"/> Mild/slight		
What type of illnesses were/are observed amongst those affected?		Select from below:		
a. Heat Rash	<input type="radio"/> Yes <input type="radio"/> No If yes, how many members? _____			



	_____	(Males= Females= Children= )
b. Heat cramps	<input type="radio"/> Yes <input type="radio"/> No	If yes, how many members? _____ (Males= Females= Children= )
c. Heat exhaustion	<input type="radio"/> Yes <input type="radio"/> No	If yes, how many members? _____ (Males= Females= Children= )
d. Heat Stroke	<input type="radio"/> Yes <input type="radio"/> No	If yes, how many members? _____ (Males= Females= Children= )
e. Hyperthermia	<input type="radio"/> Yes <input type="radio"/> No	If yes, how many members? _____ (Males= Females= Children= )
f. Food-borne disease (due to stresses in food production)		
g. Food-borne illness (due to lack of power to refrigerate food)		
h. Untreated water-related illness (due to power shutdown in water treatment facilities)		
i. Vector-borne disease like dengue (due to long term heatwaves)		
j. Any Other, please specify:		
Were there any cases reported of Mental, behavioral and cognitive disorders due to extreme heat?	<input type="radio"/> Yes <input type="radio"/> No	
If Yes, how many?		
Are there appropriate arrangements to effectively treat these physical and mental effects?	<input type="radio"/> Yes <input type="radio"/> No	
If No, then what alternatives do the patients have or does the hospital provide?		
Is there any Heatwave Awareness Plan prepared and disseminated by your hospital or any other hospital in the district for community awareness?	<input type="radio"/> Yes <input type="radio"/> No	
If Yes, what are its components and how do you ensure reach to all?		
If No, do you think its important?	<input type="radio"/> Yes <input type="radio"/> No	
Are there any initiatives taken from the health institutions to be prepared and effectively respond to the emergencies during heatwave on people?	<input type="radio"/> Yes <input type="radio"/> No	
If Yes, please explain.		



Schools	
How has the heatwave affected students?	
Has the Heatwave impacted the education/schooling if children?	<input type="radio"/> Yes <input type="radio"/> No
If Yes, how?	<input type="radio"/> schools closed <input type="radio"/> accessibility to schools affected due to extreme heat <input type="radio"/> school timings changed <input type="radio"/> Online education disrupted due to power failure/network unavailability/inaccessibility <input type="radio"/> Others, Specify
Are there any heatwave policy/guidelines for schools released by government?	<input type="radio"/> Yes <input type="radio"/> No
If Yes, are you technically aware/informed about it?	<input type="radio"/> Yes <input type="radio"/> No
If Yes, to what level are you following those guidelines?	<input type="radio"/> completely <input type="radio"/> partially <input type="radio"/> not at all
In case of non-compliance, what are the reasons?	
Are there any preparatory and response measures taken by from your (school) end to avoid heat-related illness in children attending schools?	<input type="radio"/> Yes <input type="radio"/> No
If Yes, please explain.	<input type="radio"/> pick up and drop facility <input type="radio"/> availability of potable and cool water <input type="radio"/> accessibility to potable and cool water (placement of taps/water cooler) <input type="radio"/> availability and accessibility to safe & clean toilets <input type="radio"/> healthy meals (considering extreme heat) <input type="radio"/> safe meals (safe storage/refrigeration) <input type="radio"/> Awareness on heatwaves, impacts and precautions <input type="radio"/> <input type="radio"/> Active cooling mechanism (coolers) <input type="radio"/> School level temperature monitoring and tracking system <input type="radio"/> Health profile of students <input type="radio"/> Logical and monitored timings for outdoor activities <input type="radio"/> Awareness and Orientation of school staff <input type="radio"/> Others, Specify
Are there any risk reduction related structural/non-structural approaches adopted to tackle extreme heat?	<input type="radio"/> Yes <input type="radio"/> No
If Yes, what are they?	<input type="radio"/> Appropriate Building materials <input type="radio"/> Relevant construction and design <input type="radio"/> Ventilation systems <input type="radio"/> Calculated student-room ratio <input type="radio"/> Sufficient open and green areas within school premises



	<input type="radio"/> Others, Specify
Did your school or any other school conduct any awareness programmes for students/parents/community about heatwave impact and preparedness/response measures?	<input type="radio"/> Yes <input type="radio"/> No
<b>Administration</b>	
Were/Are there any awareness programmes and campaigns carried out by government on heatwave risk?	<input type="radio"/> Yes <input type="radio"/> No
If Yes, was it ensured to all vulnerable groups? a. Aged population b. Children c. Women d. Socio-economically weaker section e. Others	<input type="radio"/> Yes <input type="radio"/> No
Were/Are timely warnings/forecasting about heatwave given?	<input type="radio"/> Yes <input type="radio"/> No
If Yes, was it ensured to all vulnerable groups? a. Aged population b. Children c. Women d. Socio-economically weaker section e. Others	<input type="radio"/> Yes <input type="radio"/> No
What methods are used for dissemination of information and warnings?	
Is there a dedicated Heat Action Plan prepared for the district?	<input type="radio"/> Yes <input type="radio"/> No
If Yes, how is/was it implemented in the current heatwave situation?	
Is there a mechanism for periodic mapping of areas (specific villages and locations) and assessment of vulnerability and risks with respect to heatwaves?	<input type="radio"/> Yes <input type="radio"/> No
If Yes, what arrangements were made contextual to identified vulnerable areas and population?	
If Yes, how did it reduce the scale of impact?	
If Yes, what all types of vulnerability assessments are provisioned?	<input type="radio"/> Social Vulnerability <input type="radio"/> Economic Vulnerability

	○ Physical Vulnerability
How are the several stages of preparedness and response inclusive to specially-abled, women/children and aged population?	
Are there any physical/planning (planting/shading/cooling) and non-physical measures (drinking water facilities) taken by the administration to mitigate the impacts of heatwave?	○ Yes ○ No
If Yes, what are they?	
Are there any changes made in the timings of government services like MNREGA considering heatwave?	
Are there any community level groups working to tackle heatwaves effectively?	○ Yes ○ No
If Yes, do you coordinate with them and how?	
Are there notification released instructing the employers where workers work in outdoor services (e.g. delivery services, construction labor, street vendors etc.) for not employing there workers at peak temperature hours or change the location of work?	○ Yes ○ No
<b>Opinion Questions – for All</b>	
What are the top two actions (related to policies, guidelines, procedures, protocols, community level issues etc etc.) that you recommend if ZERO casualty has to be made a REALITY?	
What are your personal recommendations which could have or which can in future minimize the extent of heatwave impact?	