

# Heatwaves Impacts : Most Vulnerable

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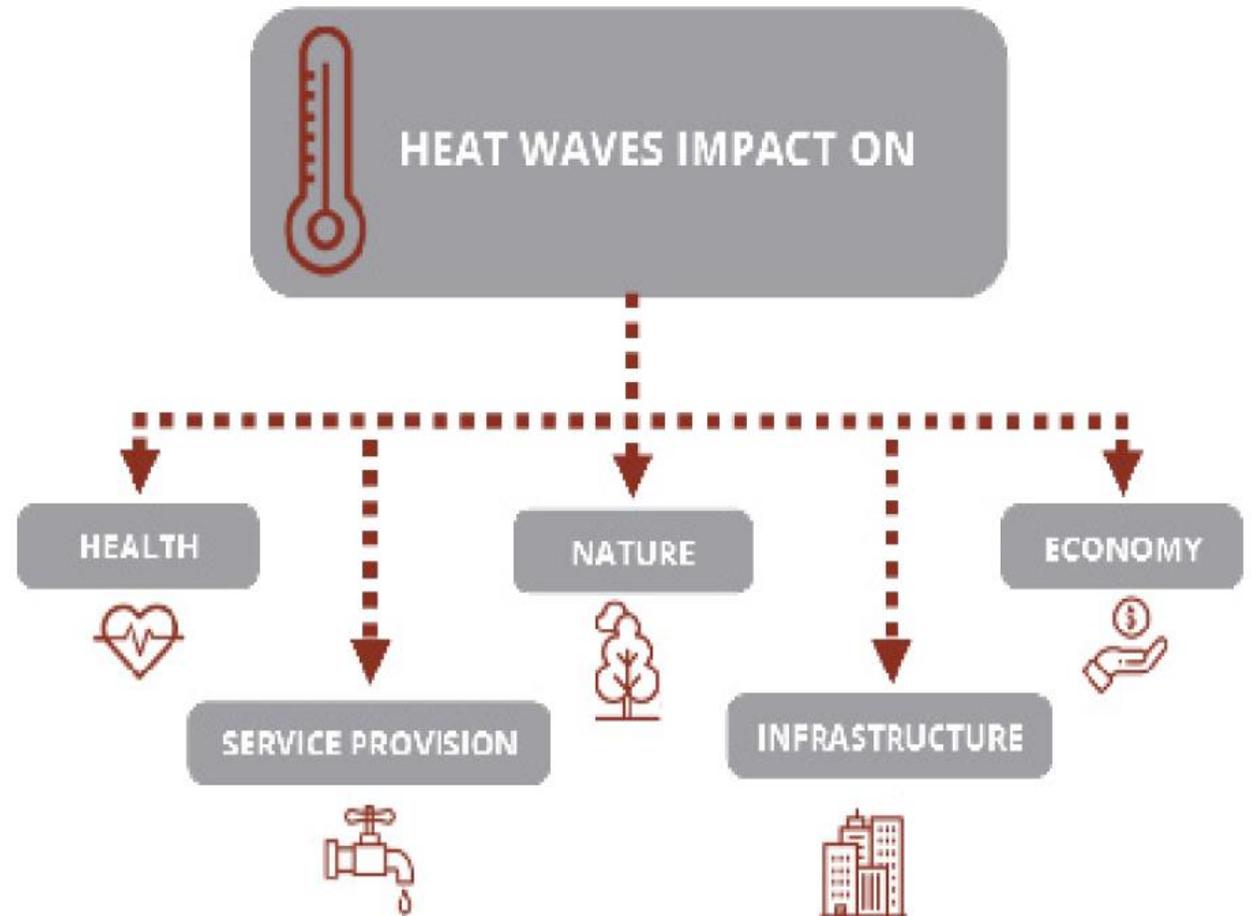
# Heatwave Impact

## Direct Health Impacts

- Dehydration, heat exhaustion, heat stroke, loss of consciousness and other medical emergencies.
- Heatwaves can also exacerbate pre-existing conditions such as cardiovascular disease and respiratory illnesses and have deadly consequences.

## Other Indirect Impacts

- Increased number of emergency hospital admissions
- Reduction in the number of hours outdoor workers can be employed safely;
- Reduction in the productivity in office
- Effects on Transport and Tourism
- Demands on energy , water supply etc.



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# Chronic Kidney Disease



# The Silent Killer

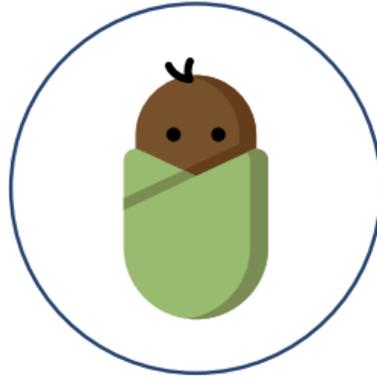
Who is the most vulnerable?



# PEOPLE WHO ARE VULNERABLE TO HEAT



Older people



Infants



Pregnant and lactating women



People working outside



People with pre-existing medical

# Risk Factors of Vulnerables

VULNERABLE POPULATION	RISK FACTORS
Adults over 65	Less aware and adaptable to extreme heat
Individuals with chronic medical conditions	These include heart disease, lung and kidney conditions and mental illness. Those taking medications that can worsen the impact of extreme heat are especially vulnerable
Children under five years old	Sensitive to the effects of extreme heat and must rely on others to keep them cool and hydrated
Women and girls	May not have access to a variety of media, sleep in ill ventilated rooms, lack private bathing space, especially during menstruation.
Pregnant and lactating women	Pregnant women are more likely to go into early labour in the week following a heatwave. This risk goes up with more consecutive days of extreme heat. <sup>18</sup> Lactating women require more drinking water as breastfeeding is extremely dehydrating
Outdoor workers (inlc. traffic police and security guards)	Often engaged in strenuous labour while directly exposed to sunlight as well as heat and air pollution. More likely to become dehydrated and suffer from heat-related illness.
People living alone	May not access help quickly
Individuals with disabilities	May not be able to access help quickly
Overweight and obese individuals	May be more sensitive to extreme heat and have difficulty thermoregulating
Individuals of low socio-economic status	May not have access to clean drinking water and other cooling measures. May not be able to access information about heatwaves and cooling centres
Migrants and refugees	May not have access to current information about heat advisories and health risks, or may experience heat conditions that are different to their place of origin
Homeless people	May not receive warning messages, may be unaware of cooling centres and may have limited access to other cooling measures (e.g. cool showers or baths)
Individuals unable to read and non-native language speakers	Cannot read current information about heat advisories and health risks. Non-native language speakers also may not be able to understand advisories broadcast on TV and radio.
Tourists	May not be able to understand advisories in local languages. May not know how to access cooling centres, green spaces or other resources, including emergency management systems. May be from cooler climates and less adapted to the heat.
Animals/pets	Dependent on owner for adequate protection from heat

**Thank  
You**