

HEALTH EFFECTS OF HEAT



asti

SHORT-TERM EFFECTS OF HEAT ON HEALTH

DIRECT EFFECTS

DEHYDRATION
ELECTROLYTES IMBALANCE

HEAT RASH

HEAT CRAMPS

HEAT EDEMA, SYNCOPE

HEAT STROKE

INDIRECT EFFECTS

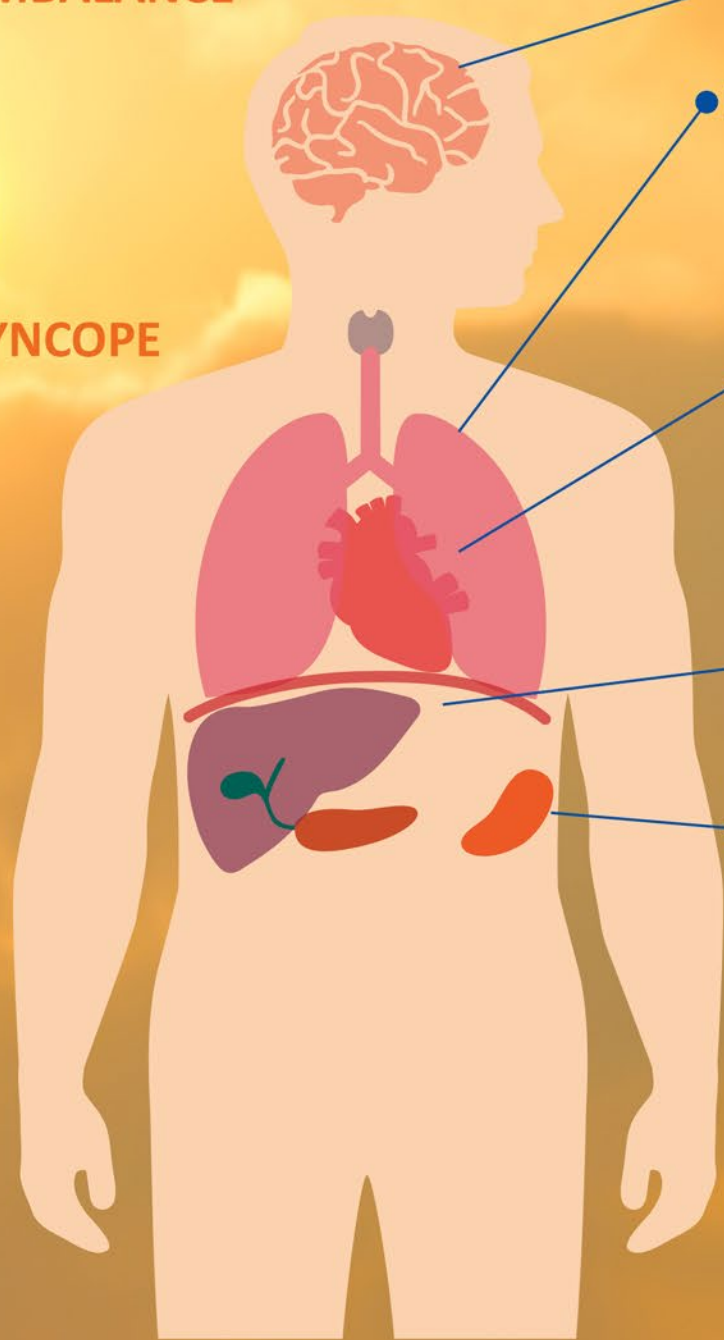
STROKE

ASTHMA, COPD
REACUTIZATIONS,
RESPIRATORY,
INFECTIONS

ACUTE
MYOCARDIAL
INFARCTION
ARRHYTHMIAS

DIABETIC
HYPOGLYCEMIA

RENAL FAILURE



INCREASED AMBULANCE CALLS,
ER VISITS, MORTALITY

POPULATION SUBGROUPS VULNERABLE TO HEAT



ELDERLY



PREGNANT WOMEN



INFANTS



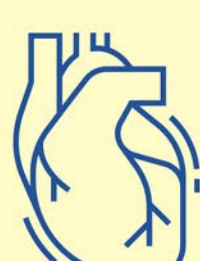
TOURISTS



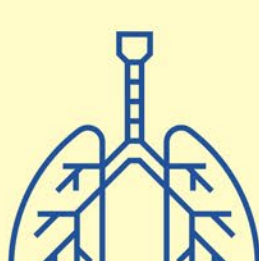
OUTDOOR WORKERS



SUBJECTS WITH CHRONIC DISEASE VULNERABLE TO HEAT



CARDIOVASCULAR



RESPIRATORY



NEUROLOGICAL
OR MENTAL



RENAL



METABOLIC

Project partners



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