

PLAN CANICULE

Plan d'action en cas de grande chaleur



LE GOUVERNEMENT
DU GRAND-DUCHÉ DE LUXEMBOURG
Ministère de la Santé

Direction de la santé

2023



Action plan in the event of extreme heat – HEAT WAVE PLAN

1) Level 1: preparatory phase

- 1.1 Consultation meeting between the Health Inspection Division, COPAS and the Luxembourg Red Cross to define the terms of the action plan for the current year.
- 1.2 Agreement with the Luxembourg airport weather service allowing pre-warning of five days in the event of the arrival of hot air masses.
- 1.3 Implementation of indicators in the emergency departments of general hospitals, allowing rapid detection of the appearance of health problems due to heat: daily reports from June 1 to September 15. Electronic transmission will be made in the morning at 7:00 a.m. for the day before.
- 1.4 Implementation of indicators in the emergency service center (CSU-112) of the CCGDIS, allowing the detection of interventions in the context of the appearance of health problems due to heat with refusal of the health beneficiary of being transferred to hospital: daily reports from June 1 to September 15. Electronic transmission will be made in the morning at 7:00 a.m. for the day before.
- 1.5 All data will be listed in a table updated by the health inspection: maximum temperature, average temperature, Ozone, PCM10, indicators reported by hospitals and CSU 112.
- 1.6 Implementation of patient care plans in the event of extreme heat in hospitals and centers for the elderly (internal plans).
- 1.7 Activation of the Health Helpline 247-65533 to answer heatwave questions from the population
- 1.8 Creation of an information sheet intended for people at risk. The sheet is drawn up in German, French and Portuguese. Distribution to doctors, pharmacies, hospitals, social services and municipalities, also in electronic form. Creation of a poster containing the most important recommendations in the event of a heatwave. The factsheet and poster are also published on the website of the Ministry of Health www.sante.public.lu
- 1.9 Information by email from the medical profession concerning the harmful effects of certain medications in cases of extreme heat.



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1.10 Information by email of an information sheet intended for institutional staff people at risk, through the Ministry of the Family.

1.11 Development of the population information strategy with the government information and press service (SIP) through the COM unit of the health department.

1.12 Measures concerning people at risk:

- People aged 75 or over
- People with low autonomy
- People living alone or with an equally disabled person
- People with few social contacts

a) Letter to all people aged 75 or over in order to be able to register on the lists so that a home help and care service can carry out monitoring and adequate hydration if necessary.

b) Circular letter from the Minister of Health, through the Ministry of the Interior, to the municipalities so that they can inform residents about the possibility for people at risk to request, via an application form, the provision of monitoring visits-help with hydration during a heatwave. This form, which can be obtained from the municipalities as well as on the website www.sante.public.lu should be sent to the Luxembourg Red Cross Service. This analyzes according to criteria agreed together with the Health Department and stakeholders in the geriatric field, whether they correspond to the established criteria.

c) Agreement with COPAS and the Luxembourg Red Cross concerning services during the preparatory phase and their close collaboration with the Health Department and the aid and care networks, in particular assessment visits to be carried out from June 1 as well as those for monitoring and hydration assistance. Agreements to this effect between the Ministry of Health, COPAS and the Luxembourg Red Cross will be established.

d) Agreement with the aid and care networks, which will carry out the visits according to the following terms:

1. People not known by the support and care networks

These people must have been included on the Luxembourg Red Cross lists. They will receive a first assessment visit by a nurse after the list has been established from June 1 .

In the event of a red alert, these people will receive the regular visits deemed necessary by the support and care networks following the assessment visit in order to define the exact needs (frequency of visits).



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The resulting costs are borne by the Ministry of Health, this in a fixed amount as agreed in the amendment to the agreement between the Ministry of Health, COPAS and the Luxembourg Red Cross.

2. People who have made a request to long-term care insurance, but have not yet received a decision and who are supported by a support and care network
3. People supported by support and care networks, requiring regular hydration and monitoring visits according to the advice of support and care networks and for whom these visits are not covered by long-term care insurance.

In the event of a red alert, these people will receive regular visits deemed necessary by the aid and care networks and which may be invoiced to the Ministry of Health in a flat rate as agreed in the amendment to the agreement between the Ministry of Health, Health, COPAS and the Luxembourg Red Cross.

1.13 In the event of a heat peak or persistent heat episode notice

During hot periods of one to two days with high temperatures during the day or persistent episodes of heat with temperatures higher than normal, close to or below the thresholds of other levels, recommendations will be made for the population:

a) Information to the population by the Press Information Service (SIP):

- Raise awareness among vulnerable people and those around them: elderly people, young children, people who are fragile due to illness or a precarious situation.
- Raise awareness among specific groups such as workers exposed to the sun, homeless people, athletes, etc.
- Raise awareness among the population to adopt the right actions to protect themselves from strong heat
- Call back Health Helpline number: 247-65533

b) Information relayed by email to the Ministry of Family Affairs in order to inform institutions which accommodate vulnerable people (care homes and institutions, sheltered workshops, etc.).

c) Information relayed to hospital establishments.

d) Indicators at the level of emergency departments of general hospitals and CSU-112

e) Information relayed to education and childcare services and the MENJE



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2) Level 2: High heat warning

- a) Warning of very hot period announced by the airport weather service at the inspection sanitary:
 - a) By fax to 480323
 - b) By email to
 - juliana.dalimonte@ms.etat.lu
 - anne.vergison@ms.etat.lu
 - etienne.ehmann@ms.etat.lu
 - caroline.frisch@ms.etat.lu
 - patrick.hoffmann@ms.etat.lu
 - elisabeth.sandt@ms.etat.lu
 - health-inspector@ms.etat.lu
- b) Indicators at the level of emergency departments of general hospitals and CSU-112
- c) Communication action if the weather service announces a maximum temperature between 33°C and 35°C with an average temperature of the previous day greater than 23°C.**
 - a) Information of the population by the SIP: reminder of preventive measures and recommendations for the event of the arrival of the heat wave by press release press.
 - b) Information relayed by email to the Ministry of Family in order to inform the institutions that house vulnerable people (homes and care institutions).
 - c) Information relayed to hospital establishments.
 - d) Application of pre-established protocols in institutions housing people vulnerable (hospitals, integrated centers, others).

3) Level 3: High heat alert

- a) Triggering of the red alert by the Director of Health based on information received by the airport weather service and indicators for rapid detection of heat-related health problems from the emergency services of hospital establishments and CSU 112.
- b) Warning of very hot period announced by the airport weather service at the inspection sanitary:



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a) By fax to 480323

b) By email to

juliana.dalimonte@ms.etat.lu

anne.vergison@ms.etat.lu

etienne.ehmann@ms.etat.lu

caroline.frisch@ms.etat.lu

patrick.hoffmann@ms.etat.lu

elisabeth.sandt@ms.etat.lu

health-inspector@ms.etat.lu

c) Indicators at the level of emergency departments of general hospitals and CSU-112

d) Triggering of the red alert if

a) The airport weather service announces a temperature above 35°C with a average temperature of the previous day greater than 23°C.

b) Positive indicators of rapid detection of health problems from the emergency services of hospitals and CSU 112 are possibly notified (strengthening of the triggering of the red alert).

Independently of the temperature benchmarks, the Director of Health may be required to trigger a red alert due to extreme heat in view of the information provided by hospitals or other health service providers as part of the health monitoring concerning the effects sanitary facilities in the heat.

e) Communication actions in the event of a red alert:

a) COPAS, the Luxembourg Red Cross and the aid and care networks are informed by predefined contacts in order to carry out hydration visits to people on the predefined list.

b) Information relayed by email to the Ministry of Family in order to inform the institutions that house vulnerable people (homes and care institutions).

c) Information relayed to hospital establishments.

d) Dissemination of weather information and specific recommendations by the SIP (radio, television, written press).



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- e) Application of pre-established protocols in institutions housing people vulnerable (hospitals, integrated centers, others).
- f) The Director of Health decides on the end of the red alert.
- a) The support and care networks are informed by predefined contacts.
- b) Information relayed by email to the Ministry of Family in order to inform the institutions that house vulnerable people (homes and care institutions).
- c) Information relayed to hospital establishments

4) Level 4: exceeding normal means of health

- a) Creation of a crisis center (HCPN).
- b) Strengthening plans.
- c) Involvement of municipalities as well as the CGDIS in the organization of visits to people at risk.
- d) Requisition of necessary means (governing council).
- e) Specific measures.