



THE UNITED REPUBLIC OF TANZANIA
MINISTRY OF HEALTH



**From Data to Action:
Evidence-Based Tools for Heat Risk Management for
Mass Gatherings
Country Experience from Tanzania**

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Stadium Health Risk Assessment



- ❑ In August 2025, the United Republic of Tanzania hosted the African Nations Championship (CHAN) gathering an estimated **more than 93% of stadium capacity** was filled with spectators (stadium capacity 60,000 spectators).
- ❑ CHAN served as a catalyst for local sports infrastructure and a strategic dry run for the 2027 Africa Cup of Nations (AFCON) to be hosted in 3 locations.
- ❑ Through Beat the Heat Initiative support, country conducted heat risk assessment for Benjamin Mkapa Stadium – Dar es Salaam and New Amaan Complex – Zanzibar
- ❑ The Generic All-Hazards Risk Assessment Tool for Mass Gathering Events (“All-Hazards MG RA Tool”) was used.



Heat Risk Assessment Findings

Risk indicator (Heat & Sun Exposure)	Findings
Shaded areas	No cooling infrastructure (shaded areas)
Heat Monitoring Systems	No WBGT monitoring system
Availability of Hydration	Limited hydration access
UV exposure	High UV exposure
Public awareness on early warning signs	Lack of risk communication messages

- Other components assessed:
- ✓ Crowd management
 - ✓ WASH facilities
 - ✓ Food & water safety
 - ✓ Environmental hazards
 - ✓ Emergency response capacity
 - ✓ Public awareness systems

Heat health risk assessment not included in existing risk mapping checklists



Heat Risk Assessment





Heat risk mitigation plan ahead of AFCON 2027



Heat Protection Measures

- ✓ Securing Cooling and shaded areas
- ✓ Securing Cooling rooms for emergencies

Emergency Preparedness

- ✓ Training health responders
- ✓ Direct referral pathways

Public Health Measures

- ✓ Improved WASH facilities
- ✓ Hand hygiene stations
- ✓ Food safety inspections
- ✓ Waste management systems

Installation of Heat Monitoring Systems

- ✓ Weather forecasting
- ✓ WBGT monitoring
- ✓ Real-time heat alerts



Heat risk mitigation plan ahead of AFCON 2027



- **Strengthening Cross-Sector Coordination:**
Establish a joint taskforce involving MoH, CAF, WHO, TMA, security, and local authorities.
- **Higher level sectoral engagement -**
Directorate levels
- **Regular simulation exercises ahead of AFCON 2027, in local matches**
- **Improve assessment tool (from the WHO all hazard tool)**
- **Plan for a visit to assess health and safety for the ongoing stadium construction in Arusha and Zanzibar**
- **Improve Public Awareness through development of RCCE and SBC materials and dissemination of them via communication channels, radio, PA systems, branding, and social media**



Beat the Heat Initiative: Evidence-Based Tools Applied: From Data to Preparedness



elimu_ya_afya

Wizara ya Afya

WAKATI WA JOTO KALI

kunywa maji mara kwa mara ili kuzuia upungufu wa maji mwilini, kupoza mwili, kulinda figo na kuwezesha ubongo kufanya kazi vizuri

Lishinde joto, Linda afya yako

World Health Organization

"Kwa Taarifa, Elimu na Ushauri piga 199 Bure"

Elimu ya Afya Tovuti: www.moh.go.tz

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elimu_ya_afya Lishinde joto kali kwa kunywa maji.

Wizara ya Afya

Lishinde Joto

Watoto, wazee, wazee na watu wenye mahitaji maalum wako hatari zaidi na athari za joto kali. Hakikisha wanapata maji, kivuli na mapumziko ya kutosha.

Lishinde joto, Linda afya yako

World Health Organization

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United Republic of Tanzania, Ministry of Health

Beat the Heat

THINGS TO DO DURING EXTREME HEAT

- Drink water regularly
- Stay in shaded, cool places
- Wear light, loose, breathable clothes and avoid dark colors
- Close curtains to avoid direct sun exposure
- Use an umbrella, sunglasses, and a hat when outside
- Bathe or sponge children with clean, lukewarm water to help them stay cool

Beat the Heat, Protect your health

World Health Organization

For more information and advice, call the free number 199

Elimu ya Afya Website: www.moh.go.tz

Wizara ya Afya

Lishinde Joto

WAKATI WA JOTO KALI, WATOTO HUPOTEZA MAJI MWILINI HARAKA

Hakikisha wanakunywa maji safi na salama mara kwa mara, hata kama hawajasema wana kiu. Hii husaidia kupunguza joto la mwili na kuzuia upungufu wa maji mwilini.

Lishinde Joto, Linda Afya ya Watoto

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