




MEMORANDUM

Date: July 8, 2024

To: The Honorable Chair and Members
Pima County Board of Supervisors

From: Jan Lester 
County Administrator

Re: **Comprehensive Pima County Heat Efforts to-Date and Heat Safety Ordinance Directive**

Each year the Pima County Health Department initiates heat relief efforts, and after last year's record-setting summer heat, heat relief efforts were significantly enhanced. It is anticipated that the region will continue to have longer, hotter summers in years to come. According to the Pima County Office of the Medical Examiner (OME) in 2023, extreme heat caused thousands of heat related injuries and over one hundred heat-related deaths in Pima County, including aligned increases in emergency department visits and emergency medical service activations. Extreme heat waves in Arizona pose the biggest weather-related threats to the population. Heat emergencies can be prevented with critical and life-saving protective measures, awareness, and resources. This memorandum serves as an overview of all heat-related actions taken to-date, to inform and action the critical heat response effort in 2024.

State-wide Directives

On March 1, 2024, Governor Hobbs announced the state's inaugural Chief Heat Officer, and the state's 'Extreme Heat Preparedness Plan.' This is a statewide heat strategic plan that partners with jurisdictions and regions across the state. Aligned with the plan's directives, county public health departments, cities, tribes, and community-partners in Arizona have directed their efforts to respond to extreme heat through comprehensive, equitable, and multisector planning. This includes enhancing cooling center networks, comprehensive and shared communication strategies to prevent heat related illness and injury, employing data-driven public health response, and adapting safe, effective measures to support vulnerable community members.

Pima County Community-wide Collaboration

Following the March 1 directives, Pima County Health Department (PCHD) empowered its Public Health Emergency Mitigation and Preparedness (EMAP) Division, specifically the Office of Climate and Environmental Health Justice (OCEHJ), to facilitate the multisector heat relief effort for Pima County.

This effort includes interdisciplinary strategies to effectively coordinate a comprehensive heat relief network, develop communication strategies to assure public awareness of heat risks, vulnerabilities and resource points, and prioritize data-driven initiatives. These efforts aim to

increase awareness around the dangers posed by extreme heat, provide strategies and resources to protect public health and assure that the County and area-partners are improving heat resilience as needed to protect the community. EMAP and OCEHJ have coordinated and been facilitating the regional heat response partner effort since Spring of 2024.

The regional heat response effort is expansive, constantly growing and demonstrates a shared commitment to heat response and safety across the community. This response is directed through a 'Joint Heat Action Team' (JHAT) with members from the 'Heat Relief Network' (HRN) sites, and other stakeholders supporting the heat efforts. The JHAT includes roughly 25 stakeholder representatives (and growing) from the County, City of Tucson, local jurisdictions and municipalities (including other counties), regional tribal partners, and nonprofit organizations. This interdisciplinary group of partners is actively crafting, designing, deploying and evaluating comprehensive heat relief resources and the response for the 2024 heat season.

The County-specific portion of the comprehensive heat response includes over 22 unique County departments. Specific departments that are supporting the operationalization of this effort under the direction of the County Administrator and PCHD (directing entities) are Pima County Communications, and Pima County Libraries (Libraries) and Pima County Community Workforce and Development (CWD) for respite / cooling sites, Natural Parks and Recreation (NRPR) as heat respite response partners, while the Office of Emergency Management (OEM) informs critical data on heat-related deaths. Pima County Facilities Management (FM) is overseeing the implementation of the Pima County heat workforce policy. The Pima County Climate Action Executive Team (CAET) which is comprised of more than 22 interdisciplinary County departments are providing guidance, advisory support, and available resource support to the development and implementation of any of the strategies set forth by the leading departments.

Establishment of the Office of Climate and Environmental Health Justice

As detailed in the [May 15, 2024](#) Board of Supervisors (BOS) memorandum, the establishment of the Office of Climate and Environmental Health Justice (OCEHJ) within the Emergency Mitigation and Preparedness (EMAP) Division of PCHD aims to achieve two overarching goals:

- Understand and mitigate the effects of climate change on public health.
- Enhance planning, preparedness and response for health-related consequences stemming from climate-amplified weather disasters.

This office will align climate priorities (such as extreme heat) with the core tenets of public health - assessment, policy, and assurance. Comprehensive climate efforts will be built through integrating community voices and shared data to inform solutions centered in health equity and sustainable action. This office is central to the extreme heat response for the County.

Pima County Board of Supervisors Resolution - Heat Awareness Week

On May 7, 2024, the Pima County Board of Supervisors (BOS) passed [Resolution 2024-17 Heat Awareness Week](#). This Resolution aligns with other statewide proclamations and enables the County to support annual Heat Awareness campaigns. This includes extreme heat public health messaging, heat safety awareness campaigns, comprehensive public awareness campaigns specific to heat relief resources, workforce safety measures, and other high-risk concerns exacerbated by heat.

Heat Workforce Safety – deployed Administrative Procedure 3-35 for Worker Protection / Safety

At the direction of the BOS, the Pima County Administrator’s Office and the CAET initiated a comprehensive effort to explore and develop workforce heat safety procedures and possible policy opportunities. As detailed in the [May 31, 2024](#) BOS memorandum – Extreme Heat and Workforce Safety, the County solicited feedback from the County’s full workforce, Labor Unions, and the Business Community on heat safety priorities and workforce protections, to better understand how the County can implement policies and Administrative Procedures to best protect the workforce.

On June 4 the Pima County Administrator approved the Administrative Procedure (AP) 3-35 Heat-Related Safety Protocols. This AP is carefully crafted to consider all feedback that was provided during the listening sessions and in absence of specific policies from federal and / or state agencies.

AP 3-35 specifically details County workforce procedural expectation for heat safety below:

- Comprehensive and department-tailored training,
- Acclimatization (physiological adaptation to heat),
- Employer-provided cool water,
- Flexibility in scheduling and access to breaks,
- Shaded / cool respite sites (with a specific modification to the County’s Idling Policy Administrative Procedure 49-4),
- Employer-provided personal protective equipment (PPE) - (as defined in Administrative Procedure 30-8), and
- Heat emergency response protocols.

Pima County Health Department’s 3-Year Heat Plan

In alignment with the actions detailed herein, Attachment 1 is a 3-Year plan outlining the health department’s heat efforts. This plan outlines local actions to prevent, respond, and improve community resilience to heat risks presented with rising temperatures and longer heat seasons. The plan encompasses best practices to meet the timely and acute needs of residents, and longer-term dedication for data-informed action and heat resilience.

This plan focuses on enhancing collaboration, communication, bolstering access to heat relief sites, and fortifying our capacity to respond effectively to extreme heat and complex emergencies. Acknowledging the need for resources to support this critical work, PCHD is actively identifying and advocating for the necessary support to implement and sustain the strategies outlined in the plan.

Specifically highlighted in the Heat Plan are three critical and overarching goals:

- Engage in **collaborative planning and resource allocation** for Heat Response
- **Reduce the impact of extreme heat** through targeted interventions
- Foster **community resilience** to extreme heat events

2024 Heat Relief Sites and Resources

On May 31, 2024, the County and its regional partners launched the comprehensive network of cooling center sites to run through the end of heat season (September 30, 2024). This network includes nearly 40 heat respite sites (hydration centers, cooling centers, and heat respite centers) throughout Pima County. Since May 31, the network has served over 3,000 individuals through the cooling center resources. This includes accessible locations for vulnerable communities, such as people living with disabilities, individuals experiencing homelessness, pets, and families.

Surveillance and utilization data will be used throughout the heat season to monitor the need for additional sites and expansion of operations to meet community needs. The heat relief sites are operated and funded by Pima County, City of Tucson, and various non-profit agencies. All of this work is detailed and culminates in the attached document herein the Health Department's Heat Response 3-Year Heat Plan (Attachment 1).

Similarly, the HRN has created a comprehensive list and has mapped locations of public pools, splash pads, and water fountain access points (such as the Chuck H. Huckelberry Loop). The County team is working to add GIS layers to consistently monitor what resources remain available in vulnerable census tracts, Supervisor Districts, or priority / high emergency response volume / utilization areas. (Attachment 2)

Cooling centers are not new to Pima County. Through the Centers for Disease Control and Prevention's Building Resilience Against Climate Effects (BRACE) Grant, the health department has been supporting the existing heat effort since 2022. While previous years of heat response have been more ad-hoc, more extreme temperatures, increasing heat-related illness and death rates, and improved federal and state collaboration around heat highlighted the need for Pima County's heat relief efforts to become formalized, collaborative, and strategic.

The Honorable Chair and Members, Pima County Board of Supervisors

Re: **Comprehensive Pima County Heat Efforts to-Date and Heat Safety Ordinance Directive**

July 8, 2024

Page 5

PCHD EMAP hosts weekly internal briefings to assure the network is resourced with critical information pertaining to utilization of the network from the week prior, and the upcoming heat risk for the week, along with timely updates from each partner and stakeholder within the network.

The HRN includes one shared resource map to assure ease-of-access and use of the heat relief sites for all individuals, with careful attention to our most vulnerable populations. Maps and resource materials prepared for public distribution, including city and county webpages, social media messaging, and flyers include the following types of sites available across the community:

- **Cooling Centers** – cooled indoor locations that provide refuge from heat during the day, drinking fountains or bottled water are available
- **Respite Centers** – Indoor, air-conditioned locations that offer hydration and allow for uninterrupted rest, sitting, or lying down (depending on facility capacity) during hours of operation
- **Hydration Center** – locations where individuals can go to receive bottled water and other collected donated items. May be indoors or outdoors.
- **COOLtainers** – modular respite sites provided by Arizona Department of Health Services

Notable innovative partnerships include resourcing select Pima County library sites with volunteers from the Medical Reserve Corps of Southern Arizona (MRCSA). These medical volunteers will provide medical assessments, care, and referrals for individuals suffering from heat-related illness. The partnership between MRCSA and the libraries have deployed 13 critical medical volunteers to six libraries since June 24.

Another innovative partnership between City of Tucson's Department of Housing and Community Development (HCD), Pima County Health Department, and Arizona Department of Health Services (AZDHS) resulted in two 'COOLtainers' serving as a heat respite site on Miracle Mile, near Pima County's new Northwest Service Center. These COOLtainers are rehabilitated shipping containers that have solar powered air conditioning, power, and lights. HCD has outfitted them as resilience centers – specifically, with tables, chairs, and cots to provide people experiencing homelessness with a cool and safe place to rest, support social connectedness, eat, and temporarily shelter.

Through the work of the JHAT and CAET, 2024 is the most comprehensive heat relief network to date. Shared communications, branding, and resources streamline the various heat relief sites into one network that is more easily accessible to our community members. This network grew from just 13 sites in 2023 to nearly 40 sites (and growing) in 2024. With support from the state, community, and local directives from municipalities and the BOS, this network will continue to provide heat relief resources to the Pima County community. This

summer is a dynamic representation of the public prioritization of extreme heat safety and equitable respite accessibility.

Data Collection, Reporting and Informed Action

Additionally, the County has bolstered its response through data collection and analysis. PCHD has fortified its heat response through environmental epidemiological surveillance, partnership with the OME for heat-related death data, partnership with the Southwest Center on Resilience for Climate Change and Health (SCORCH) on heat risk and public health impact, HRN site visitor survey data, and analyzing emergency response and hospitalization data. The heat relief efforts are actively aligning community-wide data elements in GIS mapping tools to assure the heat relief resources are meeting the needs of the community, with specific attention to the most vulnerable and at-risk communities. PCHD will also be gathering qualitative data across the HRN to inform experience of use of heat respite resources.

Communications Strategies and Continued Messaging

The Pima County Communications Department (Communications) plays a critical role in the heat response and improving heat safety awareness. The Communications team has been working closely with the health department to enhance existing public health heat communications and create new strategies.

The communications strategies include but are not limited to:

- The *'Beat the Heat'* campaign including social media, and paid advertising about general heat safety, pet safety in heat, and climate mitigation strategies as delineated through the Pima Climate Action Now! (Pima CAN!) climate strategies. This campaign will include print, radio, and online advertisements, as well as SunTran ad space.
- Creation of an online portal for communications assets to be shared and used by HRN sites.
- Creation of all HRN signage, development of webpages, and branding alignment across the network.
- Spanish translation and design of surveys and communications assets
- Development of extreme heat emergency communications that align with National Weather Service's Extreme Heat Warnings.
- Creation of heat-related illness signs and symptoms postcards to be distributed by PCHD clinics, all HRN sites, Tohono O'odham Nation Health and Human Services, MRCSA volunteers, community health workers, and on SunTran buses.

Based on recent directives from the Pima County BOS and Pima County Administrator, Pima County Communications will also develop and design communications strategies that support the County workforce safety recommendations, and protocols that are delineated in the Pima County Heat Safety Administrative Procedure. Finally, the Communications department will develop a *'Heat Safe'* (communications campaign name in development) public workforce

campaign that will educate / resource employers about worker / workplace safety, especially during high heat months.

This public-facing campaign will provide access to campaign / marketing materials designating that they are aligning with heat recommendations and best practices for the community. A full list of communication strategies is available in Attachment 3 of the May 31 BOS memorandum and herein.

Next Steps

Throughout the summer these regional efforts will continue to bolster the availability of heat relief sites and prepare to respond to heat emergencies. The partnerships detailed herein will continue to augment data-driven efforts that will inform the deployment of heat response resources and fortify the communication strategies to assure the public can identify heat risk, respond to a heat-related health emergency, and resource themselves and their communities with available heat relief resources. This effort continues to fortify the commitment to public health and safety across Pima County.

PCHD will continue to update the BOS on critical heat season priorities, accomplishments, and any timely modifications to the heat respite resources. PCHD will provide a post-heat season report summarizing findings, best practices, and critical data gleaned from this season to inform future heat relief efforts.

Heat Ordinance Directive and Action

Aligned with the establishment of Pima County's AP 3-35 Heat Workforce Safety procedure, the BOS directed County staff to continue to explore procurement protocol modifications to develop and potentially implement a heat safety ordinance for County contractors, especially those with an outdoor workforce. County departments collaborated to draft proposed language for consideration in Attachment 4.

On July 2, 2024, Occupational Safety and Health Administration (OSHA) released the federal *Proposed Rule for Heat Workforce Safety* to protect workers from heat hazards, illness and injury. If passed this would establish the nation's first-ever federal safety standard. As highlighted in previous memorandum, OSHA currently has recommendations, but no set standard for heat. The development of this language has been years in the making, with special input sessions from the public, small business community and workforce. Core tenets of the Proposed Rule are requirement to develop a 'Heat Injury and Illness Prevention Plan' which must include all policies and procedures necessary to comply with the requirements of the standard, an identification of the heat metric, personal protective equipment, heat emergency response, identification of heat hazards, and implementation of protocol such as access to cool water, shade, breaks, modified schedules, training and acclimatization periods, to name a few. It also details that employers must solicit input from their staff, develop communication protocols, and implement workforce protocols for monitoring of signs and

The Honorable Chair and Members, Pima County Board of Supervisors
Re: **Comprehensive Pima County Heat Efforts to-Date and Heat Safety Ordinance Directive**
July 8, 2024
Page 8

symptoms – such as, but not limited to buddy systems, emergency call protocols, or hazard alert notifications.

Currently, the County AP 3-35 and draft proposed Heat Ordinance for County contractors both align with the core tenets of the OSHA Proposed Rule, notwithstanding the Proposed Rule provides a robust and comprehensive set of directives for all employers. An additional policy option for consideration is to proceed in implementing Procurement language into the County's Procurement competitive bidding process. This could include attestation language that potential contractors can certify alignment and adherence with current heat protection recommendations, including but not limited to a **Heat Plan** and / or comprehensive training for their workforce. This would assure the County is aligning with what is proposed in the OSHA Proposed Rule, and validates the federal requirement proposed for inclusion in workforce standards. The County can implement this as a first step while the OSHA Proposed Rule is in its public comment period prior to adoption. If OSHA's Proposed Rule is implemented it will create comprehensive heat safety protocols for all employers, whereas the proposed Ordinance is directed at County contractors. If OSHA's Proposed Rule is not implemented, then the County can proceed with the public posting and subsequent proposed adoption of an Ordinance for County contractors. It is anticipated that the public comment period will be 120 days. The County will take direct action at the guidance of the Board of Supervisors on proposed next steps.

JKL/je

Attachments

c: Carmine DeBonis, Jr., Deputy County Administrator
Francisco García, MD, MPH, Deputy County Administrator & Chief Medical Officer
Steve Holmes, Deputy County Administrator
Amber Mathewson, Director, Library District
Ellen Moulton, Director, Finance & Risk Management
Mark Evans, Director, Communications Department
Terri Cullen, MD, MS, Public Health Director, Pima County Health Department
Terri Spencer, Director, Procurement Department
Tony Cisneros, Director, Facilities Management
Sarah Davis, Senior Advisor, Pima County Administrator's Office

ATTACHMENT 1

3
YEAR

Pima County Public Health Heat Plan



PIMA COUNTY
HEALTH DEPARTMENT

Introduction

Like many areas in Southern Arizona, extreme heat in Pima County is not just a seasonal discomfort – it’s a public health concern that affects our most vulnerable residents for at least five months each year. As temperatures rise, so does the risk of heat-related illnesses and emergencies. Heat also exacerbates chronic respiratory and heart conditions, diabetes, and poses increased risks for preterm births and infant mortalities.

Recognizing this challenge, Pima County is committed to proactively reducing the impact of heat related illness by strengthening our community’s resilience through targeted interventions, stakeholder engagement, and collaboration.

Our aim is to protect our county residents from the harmful effects of extreme heat. This means engaging stakeholders, enhancing communication, and improving access to cooling centers and resources. It also means strengthening our capacity to respond effectively to heat emergencies, prioritizing vulnerable populations, and ensuring access to healthcare services.

Through these efforts, we aim to build a more resilient community – one that is better prepared to face the challenges of extreme heat and protect the health and well-being of all residents. Together we can ensure our community is prepared to safely endure the upcoming heat seasons.

Our work in this area is guided by 3 overarching goals:

1. Engage in collaborative planning and resource allocation.
2. Reduce the impact of extreme heat through targeted interventions.
3. Foster community resilience to extreme heat events.



GOAL

1

Engage in collaborative planning and resource allocation.

Strategic Priorities

1

Engage stakeholders, including state and local jurisdictions, in heat response planning.

- Form a Joint Heat Action Team comprised of community partners, jurisdictions, and tribal representatives to coordinate heat relief operations.
- Strengthen partnerships with local schools, businesses, organizations, tribal entities, and climate practitioners to support efforts in heat response.
- Inform and review the development of heat safety policies and procedures for Pima County workforce and contractors.
- Engage with National Weather Service and media outlets to help inform optimized timing for heat warnings.
- Develop and adopt an Extreme Heat proclamation or resolution.

2

Implement outreach programs and expand communication efforts.

- Update the multilingual Beat the Heat Communication Campaign and elevate awareness about heat-related complications and ensure campaigns reach vulnerable populations.
- Conduct outreach through multiple channels and centralize information and resources onto a public-facing website.
- Maintain an updated Heat Relief Map to include heat relief sites (hydration stations, cooling centers, and respite centers) locations and services, including rural locations.
- Engage County Departments and jurisdictional partners to provide heat safety information throughout Pima County outdoor recreation areas, such as service counters, community centers, trailheads, bike paths, and parks.

3

Prepare for accelerated sheltering and medical services and logistical support in extreme heat emergencies.

- Plan for and exercise responses to concurrent events such as extreme heat, wildfires, and power outages, from the neighborhood to regional level.
- Support the provision of medical services under concurrent disaster events.
- Work with the Office of Emergency Management and jurisdictional partners to identify and establish cooling centers with auxiliary power supplies (e.g., solar, storage).



GOAL

2

Reduce the impact of extreme heat events through targeted intervention.

Strategic Priorities

1

Identify and prioritize vulnerable populations in urban and rural areas.

- Utilize ArcGIS tools and hospital discharge and EMS data to inform response decisions.
- Work with utility companies to identify residents with electricity-dependent medical equipment who are vulnerable to power outages and develop ways to ensure their safety in power outage events.
- Work with local partners and County Departments with on-site services to assess heat relief needs and resources in rural areas of Pima County.
- Identify the needs and determine effective intervention points for vulnerable populations including those with housing or social vulnerabilities, medical and behavioral health challenges, and individuals reliant on power for medical devices.

2

Improve cooling center access and operations.

- Support County Departments, jurisdictional partners and community-based organizations in heat relief efforts by providing guidelines for heat relief operations including development of consistent branded signage, training for volunteers and staff, and access to heat relief supplies.
- Optimize location and hours of operation of heat relief sites to meet the needs of vulnerable populations using objective data and community input.
- Assist in coordinating wrap-around services including appropriate referral to housing resources for those who are at risk for adverse impact from heat exposure.
- Partner with Pima Animal Care Center (PACC) to resource and support cooling centers that allow pets.
- Assist with volunteer recruitment and coordination to support heat relief site operations.

3

Seasonally plan and align heat season operations with the Heat Response Activation Tiers, Thresholds, and Activities Framework by the Arizona Department of Health Services.

- Heat Season Pre-posturing, Cautionary Periods and Heat Emergencies (as defined in the ADHS Framework) will be managed through services provided by the Emergency Mitigation and Preparedness Division (EMAP) with support from Epidemiology.
- Multiple Emergencies Occurring Simultaneously will be managed by the Office of Emergency Management under an Incident Command Structure (ICS) with support from EMAP and multiple agencies, including the Department of Military Affairs (DEMA).



GOAL 3

Foster community resilience to heat-related challenges to allow swift recovery from extreme heat events.

Strategic Priorities

1 Provide comprehensive training and education programs.

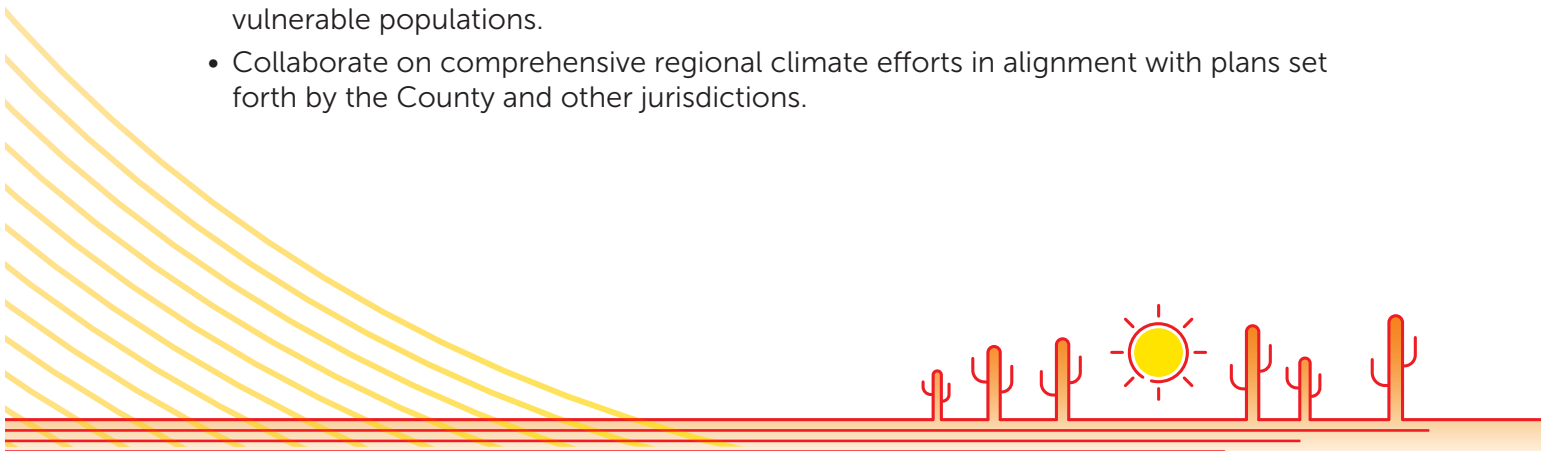
- Develop training resources for use by Community Health Workers to educate on identifying heat-related illness symptoms, prevention, and when to seek or provide treatment.
- Identify training and educational resources that can be utilized by community partners, health care providers, schools, and other local agencies.
- Institute a voluntary training program for heat relief site staff and volunteers.

2 Develop community-centered models to address heat-related challenges.

- Increase access to healthcare services and support for individuals affected by heat-related illnesses.
- Explore the use of neighborhood resilience hubs as gathering spaces for heat respite and social connectedness.
- Align and integrate heat response strategies with local jurisdictions plans.
- Work with Pima County Natural Resources, Parks and Recreation Department and jurisdictions to improve signage and messaging for outdoor public trails during extreme heat conditions.
- Work with Pima County School Superintendents' Office and schools in vulnerable communities to operate summer cooling center sites.

3 Seek long-term strategies to reduce the need for cooling centers.

- Support local agencies providing access to appropriate housing with adequate and affordable cooling.
- Coordinate efforts to deliver heat-related support to houseless individuals and other vulnerable populations.
- Collaborate on comprehensive regional climate efforts in alignment with plans set forth by the County and other jurisdictions.



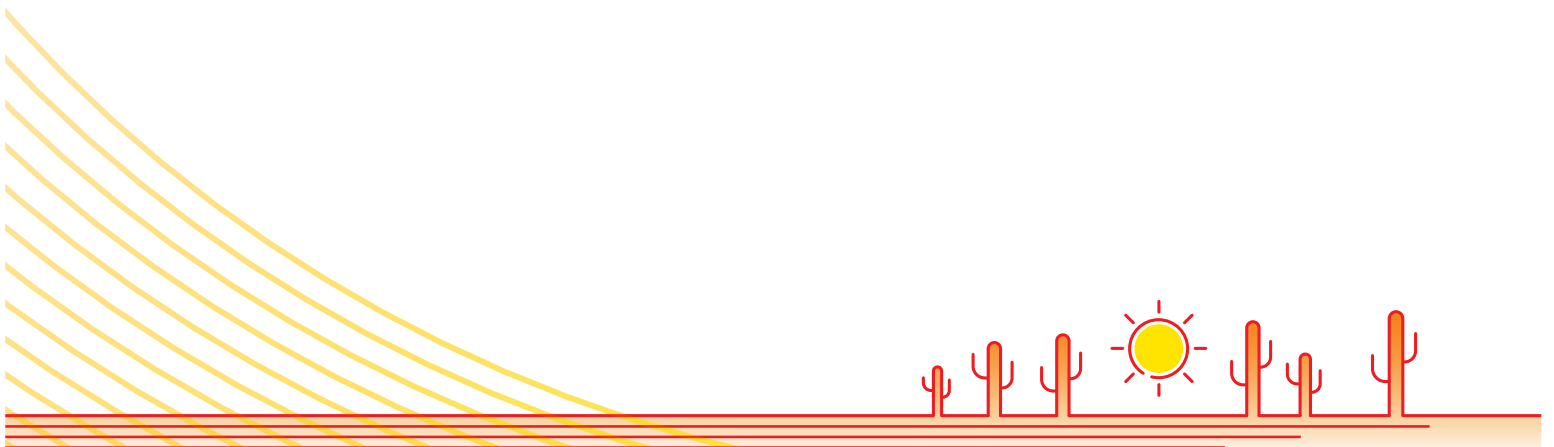
Appendix A



Monitoring and Evaluation

The collection, aggregation and analysis of data is a foundational component of this heat response plan. To ensure the effectiveness of a county-wide heat response plan, Pima County will conduct after-action reports and implement continuous monitoring and evaluation to assess impact utilizing continuous quality improvement methods. The following key metrics and indicators will be used to monitor impact and inform necessary adjustments:

- 1 Heat-Related Illness (HRI) Incidence Rates**, including the number of first responder calls, and reported cases of heat-related illnesses such as heat exhaustion and heatstroke.
- 2 Cooling Center Utilization**, such as the number of individuals utilizing cooling centers.
- 3 Visitor Satisfaction Surveys** that collect feedback on experiences inform improvement of the quality of services being offered at cooling facilities.
- 4 Staff and Volunteer Feedback** to help us understand the challenges they face and identify areas for improvement in our operations and support systems.
- 5 Epidemiological Surveillance** to monitor the incidence of heat-related illnesses and other chronic conditions exacerbated by heat.
- 6 Reports from the Office of the Medical Examiner** related to heat-related deaths.
- 7 Assessments Conducted in Rural Areas** to help us better understand the specific needs and challenges related to heat response in these communities.



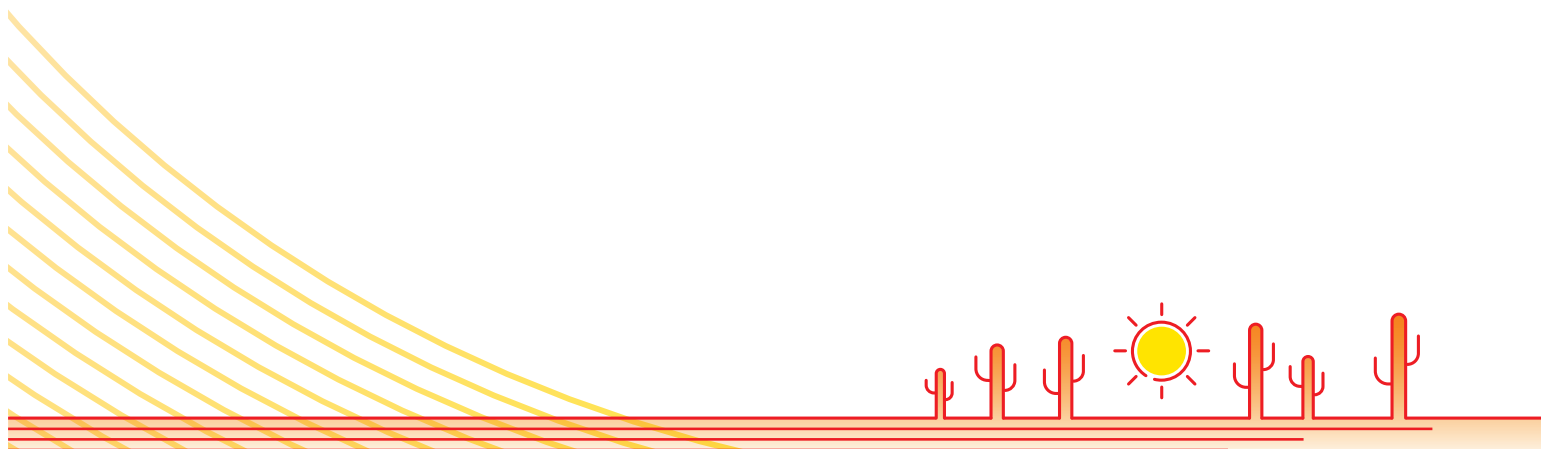
Appendix B



Budget and Resource Allocation

The implementation of our heat plan is supported by a five-year Centers for Disease Control and Prevention (CDC) Building Resilient Against Climate Effects (BRACE) grant, totaling \$40,000 annually through August 2026. These funds are dedicated to equipping cooling centers with essential resources such as refillable water bottles, sunscreen, and signage. Additionally, a portion of this grant is allocated for developing and executing communication campaigns aimed at raising public awareness to prevent heat-related illnesses throughout the heat season. For 2024, \$30,000 has been allocated from the Public Health Infrastructure Grant (PHIG) to pay for a large heat communications campaign.

Under the purview of the Health Department Emergency Mitigation and Preparedness Division, a Program Officer is currently funded through a Public Health Infrastructure grant through 2026. Furthermore, various divisions within the Pima County Health Department contribute their time and expertise to the public health response for heat planning. Additionally, departments across Pima County collaborate by providing facilities to serve as cooling and hydration centers during times of extreme heat.



Appendix C



Strategic Plan Comparison with 3 Core Public Health Functions

Goal 1 (Assessment): Conduct comprehensive assessments of heat vulnerability and response capacity in Pima County.

Strategic Priorities

- Utilize ArcGIS Tools and surveillance data to identify and prioritize vulnerable populations.
- Collaborate with local organizations and community stakeholders to gather data on heat-related risks and needs.
- Evaluate existing heat response plans and resources to identify gaps and areas for improvement.

Goal 2 (Policy Development): Develop and implement evidence-based policies and programs to reduce the impact of extreme heat events.

Strategic Priorities

- Engage in collaborative planning and resource allocation to strengthen the county's capacity to respond to heat emergencies.
- Establish guidelines for the operation of cooling centers, including signage and volunteer coordination.
- Implement outreach programs to raise awareness about heat-related complications and prevention measures.

Goal 3 (Assurance): Support the availability and accessibility of effective heat response services for all residents of Pima County.

Strategic Priorities

- Strengthen partnerships with local organizations, schools, and tribal partners to expand cooling center services and resources.
- Conduct regular heat response drills and exercises to test the effectiveness of response plans.
- Provide comprehensive training programs for healthcare providers, school nurses, and cooling center staff on heat-related illnesses and response protocols.



ATTACHMENT 2

COOLING CENTERS

AVAILABLE IN PIMA COUNTY
DISPONIBLES EN EL CONDADO PIMA



A cooling center provides an air-conditioned space and hydration.

Un cooling center proporciona un espacio con aire acondicionado e hidratación.



OTHER HEAT RESOURCES

OTROS RECURSOS PARA CUIDARSE DEL CALOR



Arizona Department of Health Services:

List of medications that can make the effects of hot weather worse

Lista de medicamentos que pueden empeorar los efectos del calor



Get help:

Find community resources

Encuentra recursos comunitarios



National Weather Service – Tucson:

Check the local weather

Revisa el clima local

HEAT EXHAUSTION / AGOTAMIENTO POR EL CALOR

Heat exhaustion can lead to heat stroke.

El agotamiento por altas temperaturas puede provocar un golpe de calor

WHAT TO LOOK FOR / PRESTA ATENCIÓN A:



Faint/Dizzy
Desmayo/Mareos



Body: Cool/Pale/Clammy

Cuerpo: Frío/Pálido/Pegajoso



Excessive sweating
Sudor excesivo



Pulse: Rapid/Weak pulse
Pulso: Rápido/Lento

WHAT TO DO / QUÉ HACER

Get medical help IMMEDIATELY if the person is throwing up or if symptoms worsen or last longer than 1 hour. Have the person take small sips of water.

Consigue ayuda médica de INMEDIATO si la persona vomita o si los síntomas empeoran o duran más de 1 hora. Que la persona beba agua en pequeños tragos.

VS.

HEAT STROKE / GOLPE DE CALOR

Heat stroke can cause permanent disability or death if the person does not receive emergency treatment.

Los golpes de calor pueden causar discapacidades permanentes o la muerte si la persona no recibe atención médica de emergencia.

WHAT TO LOOK FOR / PRESTA ATENCIÓN A:

Body:
Temperature above 103°/
Red/Hot/Dry

Cuerpo:
Temperatura por encima de 103°/
Rojo/Caliente/Resequedad



Loss of consciousness
Perder la conciencia



No sweating
No poder sudar



Pulse: Rapid/Strong
Pulso: Rápido/Fuerte



WHAT TO DO / QUÉ HACER

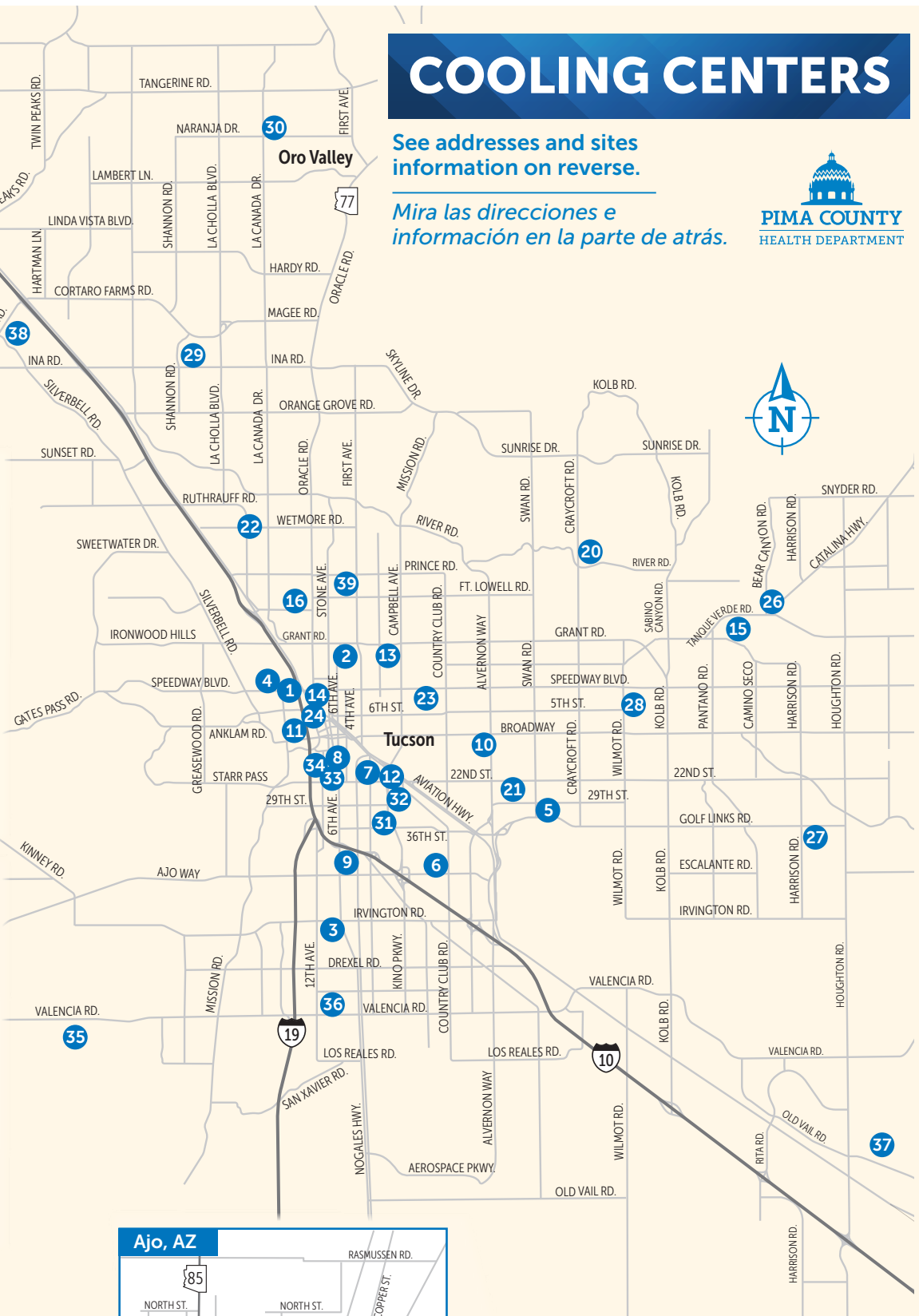
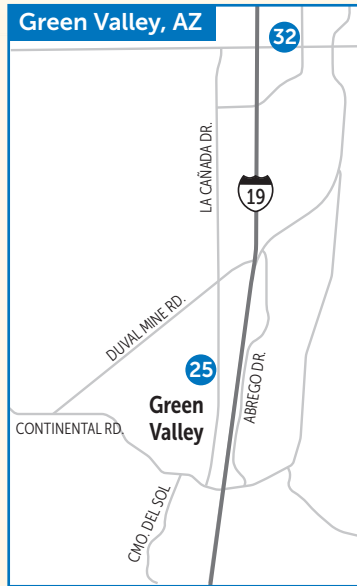
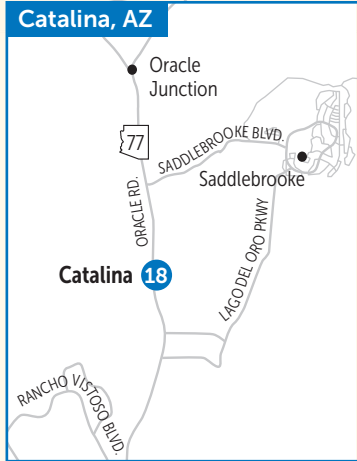
CALL 9-1-1, then take immediate action to cool the overheated person while waiting for emergency treatment. **Do NOT** give the person anything to drink.

Llama al 9-1-1 e inmediatamente después actúa rápido para refrescar a la persona sufriendo de un golpe de calor mientras esperan la atención médica. NO le des nada de beber a la persona.


COOLING CENTERS

See addresses and sites information on reverse.


Mira las direcciones e información en la parte de atrás.



To view the map and other resources online, visit pima.gov/heat or scan the QR code:



Para ver el mapa y otros recursos en línea, visita pima.gov/heat o escanea el código QR:



COOLING CENTERS

AVAILABLE IN PIMA COUNTY

DISPONIBLES EN PIMA COUNTY

1 Casa Paloma Drop-In center

Call for address

Tucson, AZ 85705
(520) 623-5111 ext. 184
Mon-Fri: 8 a.m. - 12 p.m.
Sat: 9 a.m. - 12 p.m.

SUNTRAN LINE: N/A   N

2 Donna R. Liggins Center

2160 N. 6th Ave.
Tucson, AZ 85705
(520) 791-3247
Sun-Sat: 12 p.m. - 4 p.m.

SUNTRAN LINE: 9

3 El Pueblo Center

101 W. Irvington Rd., Bldg. 9
Tucson, AZ 85714
520-791-5155
Sun-Sat: 12 p.m. - 4 p.m.

SUNTRAN LINE: 11 12 18 24 25
26 27 29 50

4 El Rio Neighborhood Center

1390 W. Speedway Blvd.
Tucson, AZ 85745
(520) 837-8202
Sun-Sat: 12 p.m. - 4 p.m.

SUNTRAN LINE: 5 22

5 Freedom Park Center

5000 E. 29th St.
Tucson, AZ 85711
(520) 791-4969
Sun-Sat: 12 p.m. - 4 p.m.

SUNTRAN LINE: 17

6 Kino Service Center

2797 E. Ajo Way
Tucson, AZ 85713
520-724-7700
Mon-Fri: 8 a.m. - 5 p.m.

SUNTRAN LINE: 2

7 Operation Chill Out

Santa Rita Park
Tucson, AZ 85701
(520) 795-9672
Mon-Fri: 1:15 p.m. - 3:30 p.m.

**Only in service when
temperature is 102° or hotter**

SUNTRAN LINE: 23

8 Primavera Foundation - HIP Drop In Center

702 S. 6th Ave.
Tucson, AZ 85701
(520) 623-5111 ext. 176
Mon, Wed, Thu, Fri: 9 a.m. - 12:30 p.m.

SUNTRAN LINE: 18  N

9 Primavera Men's Shelter

200 E. Benson Hwy.
Tucson, AZ 85713
(520) 623-4300
Mon, Wed, Thu, Fri: 9 a.m. - 12 p.m.

SUNTRAN LINE: 18   N

10 Randolph Recreation Center

200 S. Alvernon Way
Tucson, AZ 85711
(520) 791-4560
Sun-Sat: 12 p.m. - 4 p.m.

SUNTRAN LINE: 8 11

11 Rio Nuevo Service Center

320 N. Commerce Park Loop #200
Tucson, AZ 85713
(520) 724-2480
Mon-Fri: 8 a.m. - 5 p.m.

SUNTRAN LINE: 21 N

12 Sister Jose Women's Center

1050 S. Park Ave.
Tucson, AZ 85719
(520) 909-3905 ext. 102
Mon-Sat: 12 p.m. - 4 p.m.

SUNTRAN LINE: 25   N

13 Ward 3 Community Center

1510 E. Grant Rd.
Tucson, AZ 85719
(520) 461-4943
Mon-Fri: 1 p.m. - 5 p.m.

SUNTRAN LINE: 9  N

14 The Salvation Army Hospitality House

1002 N. Main Ave.
Tucson, AZ 85705
(520) 795-9671
Sun-Sat: 12 p.m. - 4 p.m.

SUNTRAN LINE: 5 10 22 

15 Udall Recreation Center

7200 E. Tanque Verde Rd.
Tucson, AZ 85715
(520) 837-8154
Sun-Sat: 12 p.m. - 4 p.m.

SUNTRAN LINE: 5 8 9 37

16 Cooltainer 1 & 2

1135 W. Miracle Mile
Tucson, AZ 85705
(520) 451-4638
Tue-Sat: 12 p.m. - 5:30 p.m.

SUNTRAN LINE: 10

17 Salazar-Ajo Library

15 Plaza #179
Ajo, AZ 85321
(520) 387-6075
Mon: 11 a.m. - 7 p.m.
Tue-Fri: 9 a.m. - 5 p.m.
Closed every day from 1 p.m. - 2 p.m.

SUNTRAN LINE: N/A N

18 Dewhirst-Catalina Library

15631 N. Oracle Rd. #199
Catalina, AZ 85739
(520) 594-5240
Mon, Wed, Thu: 9 a.m. - 5 p.m.
Tue: 10 a.m. - 6 p.m.
Fri: 10 a.m. - 5 p.m.

SUNTRAN LINE: N/A N

19 Caviglia-Arivaca Library

17050 W. Arivaca Rd.
Arivaca, AZ 85601
(520) 594-5235
Tue-Thu: 9 a.m. - 5 p.m.
Fri-Sat: 10 a.m. - 5 p.m.

SUNTRAN LINE: N/A N

20 Dusenberry-River Library

5605 E. River Rd. #105
Tucson, AZ 85750
(520) 594-5345
Mon, Wed: 10 a.m. - 6 p.m.
Tue, Thu: 10 a.m. - 7 p.m.
Fri: 10 a.m. - 5 p.m.

SUNTRAN LINE: N/A N

21 Eckstrom-Columbus Library

4350 E. 22nd St.
Tucson, AZ 85711
(520) 594-5285
Mon-Thu: 10 a.m. - 6 p.m.
Fri-Sat: 10 a.m. - 5 p.m.

SUNTRAN LINE: 7 N

LEGEND**Women only/
Solo mujeres****Single men only/
Solo hombres no acompañados****Naloxone available/
Naloxona disponible****Pets allowed/Mascotas permitidas**
All other locations only allow service animals/
Las otras ubicaciones solo permiten animales de servicios

Mon/Monday= Lunes

Fri/Friday= Viernes

Tue/Tuesday= Martes

Sat/Saturday= Sábado

Wed/Wednesday= Miércoles

Sun/Sunday= Domingo

Thu/Thursday= Jueves

22 Flowing Wells Library1730 W. Wetmore Rd.
Tucson, AZ 85705
(520) 594-5225
Tue-Thu: 10 a.m. - 6 p.m.
Fri-Sat: 10 a.m. - 5 p.m.SUNTRAN LINE: **10 61 N****23 Himmel Park Library**1035 N. Treat Ave.
Tucson, AZ 85716
(520) 594-5305
Mon, Wed: 10 a.m. - 7 p.m.
Tue, Thu: 10 a.m. - 6 p.m.
Fri: 10 a.m. - 5 p.m.SUNTRAN LINE: **4 N****24 Joel D Valdez Main Library**101 N. Stone Ave.
Tucson, AZ 85701
(520) 594-5500
Mon: 10 a.m. - 6 p.m.
Tue-Thu: 9 a.m. - 6 p.m.
Fri: 10 a.m. - 5 p.m.SUNTRAN LINE: **1 3 6 7 8 21****25 Joyner-Green Valley Library**601 N. La Cañada Dr.
Green Valley, AZ 85614
(520) 594-5295
Mon, Wed: 9 a.m. - 6 p.m.
Tue, Thu: 9 a.m. - 5 p.m.
Fri: 10 a.m. - 5 p.m.SUNTRAN LINE: **N/A N****26 Kirk-Bear Canyon Library**8959 E. Tanque Verde Rd.
Tucson, AZ 85749
(520) 594-5275
Tue, Thu: 10 a.m. - 7 p.m.
Wed: 10 a.m. - 6 p.m.
Fri-Sat: 10 a.m. - 5 p.m.SUNTRAN LINE: **N/A N****27 Miller-Golf Links Library**9640 E. Golf Links Rd.
Tucson, AZ 85730
(520) 594-5355
Mon, Wed: 10 a.m. - 7 p.m.
Tue, Th: 10 a.m. - 6 p.m.
Fri-Sat: 10 a.m. - 5 p.m.SUNTRAN LINE: **17 N****28 Murphy-Wilmot Library**530 N. Wilmot Rd.
Tucson, AZ 85711
(520) 594-5420
Mon-Thu: 10 a.m. - 6 p.m.
Fri-Sat: 10 a.m. - 5 p.m.SUNTRAN LINE: **3 8 N****29 Nanini Library**7300 N. Shannon Rd.
Tucson, AZ 85741
(520) 594-5365
Mon, Wed: 10 a.m. - 6 p.m.
Tue, Thu: 10 a.m. - 7 p.m.
Fri-Sat: 10 a.m. - 5 p.m.SUNTRAN LINE: **16 61 N****30 Oro Valley Public Library**1305 W. Naranja Dr.
Tucson, AZ 85737
(520) 594-5580
Mon-Thu: 9 a.m. - 6 p.m.
Fri-Sat: 10 a.m. - 5 p.m.SUNTRAN LINE: **N/A N****31 Quincie Douglas Library**1585 E. 36th St.
Tucson, AZ 85713
(520) 594-5335
Tue, Thu: 10 a.m. - 7 p.m.
Wed: 10 a.m. - 6 p.m.
Fri-Sat: 10 a.m. - 5 p.m.SUNTRAN LINE: **2 15 N****32 Sahuarita Library**670 W. Sahuarita Rd
Tucson, AZ 85629
(520) 594-5490
Mon, Wed: 10 a.m. - 6 p.m.
Tue, Thu: 9 a.m. - 6 p.m.
Fri, Sat: 10 a.m. - 5 p.m.SUNTRAN LINE: **N/A N****33 Sam Lena-South Tucson Library**1607 S. 6th Ave.
Tucson, AZ 85713
(520) 594-5265
Mon-Thu: 9 a.m. - 5 p.m.
Fri: 10 a.m. - 5 p.m.SUNTRAN LINE: **18 N****34 Santa Rosa Library**1075 S. 10th Ave.
Tucson, AZ 85701
(520) 594-5260
Mon-Fri: 10 a.m. - 5 p.m.SUNTRAN LINE: **2 12 N****35 Southwest Library**6855 S. Mark Rd.
Tucson, AZ 85757
(520) 594-5270
Mon-Fri: 10 a.m. - 5 p.m.SUNTRAN LINE: **29 N****36 Valencia Library**202 W. Valencia Rd.
Tucson, AZ 85706
(520) 594-5390
Mon, Wed: 10 a.m. - 6 p.m.
Tue, Thu: 10 a.m. - 7 p.m.
Fri-Sat: 10 a.m. - 5 p.m.SUNTRAN LINE: **29 N****37 W. Anne Gibson-Esmond Station Library**10931 E. Mary Ann Cleveland Way
Tucson, AZ 85747
(520) 594-5460
Mon, Wed: 10 a.m. - 6 p.m.
Tue, Thu: 10 a.m. - 7 p.m.
Fri: 10 a.m. - 5 p.m.SUNTRAN LINE: **N/A N****38 Wheeler Taft Abbott Sr Library**7800 N. Schister Dr.
Tucson, AZ 85743
(520) 594-5200
Mon, Wed: 10 a.m. - 6 p.m.
Tue, Thu: 10 a.m. - 7 p.m.
Fri: 10 a.m. - 5 p.m.SUNTRAN LINE: **N/A N****39 Woods Memorial Library**3455 N. 1st Ave.
Tucson, AZ 85719
(520) 594-5445
Mon-Thu: 10 a.m. - 7 p.m.
Fri-Sat: 10 a.m. - 5 p.m.SUNTRAN LINE: **6 17 N***** Please call to confirm hours.**
Locations may be closed during holidays.Por favor llama para verificar los horarios.
Ubicaciones pueden estar cerradas durante días festivos.**** Pets and service animals must always be accompanied**
and on a leash or in a crate.Mascotas y animales de servicio siempre deben estar
acompañados y con correa o dentro de una jaula.

ATTACHMENT 3

May 24, 2024

To: Jan Lesher
County Administrator

From: Mark B. Evans *MB Evans*
Communications Office Director

Re: Heat resilience communications plans and planning

The Communications Office is developing multiple communications campaigns related to high heat months and extreme heat events. The Office annually develops and executes a heat-injury and heat awareness campaign for the Health Department. This year's Beat the Heat communications plan is already underway and the plan details are attached.

The Office has identified separate communications messages for the various aspects of heat resilience and is developing campaigns with the departments associated with the major themes of the campaigns.

Campaign: Heat Illness and Injury Avoidance – Beat the Heat

Department: Health

Major Themes: Strategies for protecting oneself from heat illness and injury; heat illness and injury avoidance resources; general awareness of the dangers of heat exposure.

Audiences: General public; high-risk populations

Status: Collaterals developed; campaign underway

Campaign: Pet Safety

Department: PACC

Major Themes: Keeping pets safe during the summer; keep pets indoors; if pets are outside, provide shade and plenty of water; available resources for pet heat safety, especially during extreme heat events.

Audiences: Pet owners; pet owners with fewer resources

Status: Developed; campaign underway.

Campaign: Extreme Heat Events

Department: Health; Emergency Management; Others as needed.

Major Themes: Distribute through all available comm channels and County website dangerous heat event warnings to restrict outdoor activity as much as possible; cooling center resources and locations; pet heat injury protection and resources.

Audiences: General public; vulnerable populations; targeted areas as needed due to power outages, storm damage, etc.

Status: Dangerous Heat Event graphics under development; will deploy if/when events occur.

Campaign: Pima CAN! Heat Mitigation Strategies

Department: Climate Action Executive Team; DEQ; Health; Public Works Departments

Major Themes: Strategies, actions, and policies that can help mitigate the effects of increasing high heat and dangerous heat events. Make Pima County a more heat resilient community.

Audiences: General public; business community; homeowners; other audiences identified as Pima CAN! plans develop.

Status: Planning

Campaign: County Worker Safety (campaign name TBD)

Department: Administration; Health; HR; Risk Management

Major Themes: Policies, strategies, and actions for worker safety during high heat months. Heat safety awareness, education, and training. Heat safety reminders (stickers, badges, logos, signs, posters, etc).

Audiences: Pima County employees.

Status: Under development. We're modifying the Beat the Heat materials for County-employee-specific heat safety messaging.

Campaign: Heat Safe (campaign name TBD)

Department: Administration; Health

Major Themes: Develop a campaign that educates employers about worker safety during high heat months; provides employers identifiers, such as logos, badges, graphics, etc., that they can display or use in their marketing that demonstrates they follow all local, state, and federal guidelines and requirements to keep their workforce safe during high heat months and during extreme heat events.

Audiences: Employers of all types

Status: Planning

CAMPAIGN PRESENTATION

Beat the Heat

MAY - AUG 2024





AUDIENCE & MESSAGING

AUDIENCE

- General audience
- Targeted (those heat might affect more*):
 - Unhoused; those in shelters
 - Other high-risk populations
 - Rural communities that might have less access to air-conditioning

MESSAGE GOALS

- Education about Heat-related illnesses. What resources PCHD offers. Awareness of Heat Alerts.

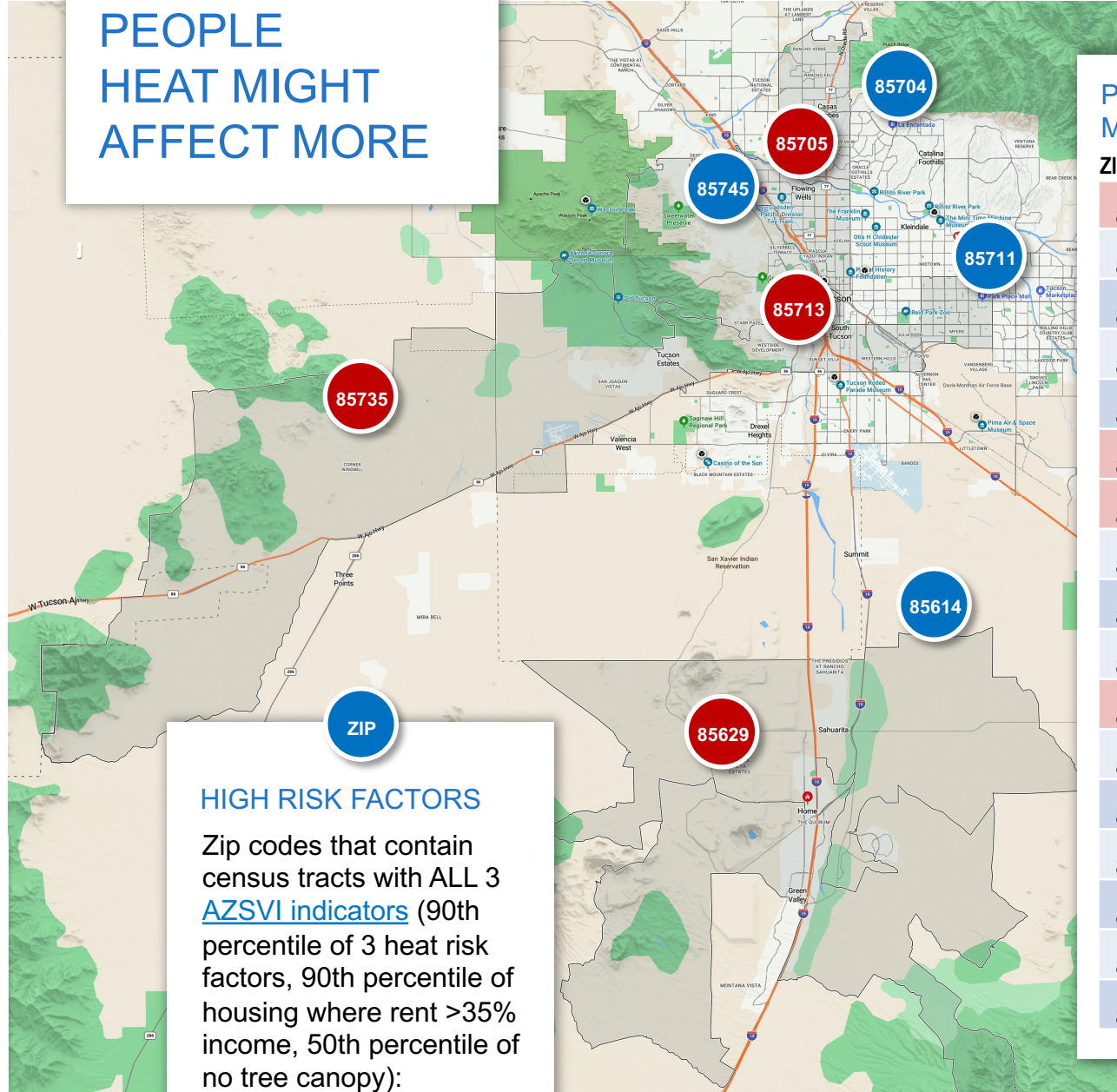
CALL TO ACTION

- Visit pima.gov/heat for resources
- Utilize Cooling Service locations
- Sign up for Heat-related alerts
- Recognize and respond the right way to HRI



AUDIENCE & MESSAGING

PEOPLE
HEAT MIGHT
AFFECT MORE



ZIP

HIGH RISK FACTORS

Zip codes that contain census tracts with ALL 3 [AZSVI indicators](#) (90th percentile of 3 heat risk factors, 90th percentile of housing where rent >35% income, 50th percentile of no tree canopy):

PEOPLE LIVING IN MOBILE HOMES

ZIP	People	Percent
85705	17,924	32
85706	13,659	24
85756	9,423	26
85746	8,982	19
85653	6,534	32
85713	5,880	13
85735	5,861	52
85743	5,255	17
85602	3,599	37
85736	3,312	76
85629	2,533	8
85641	2,331	8
85757	2,293	11
85730	2,060	5
85741	1,607	5
85719	1,505	3
85710	1,403	3



SLOGAN + VISUALS

2023 & 2024



SLOGAN



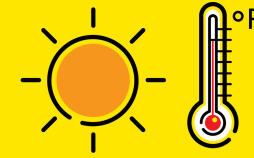
BEAT the HEAT



VISUALS



How fast can body temperature rise to dangerous levels?



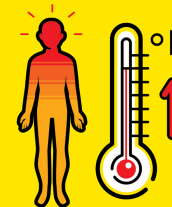
Body temperature may rise to **106°F** or higher within 10 to 15 minutes.



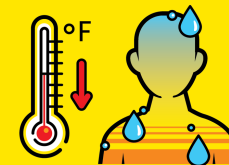
Did you know?



People have heat-related illnesses when the body's temperature control system is overloaded.



The body normally cools itself by sweating, but sometimes sweating isn't enough, and body temperature can rise rapidly.



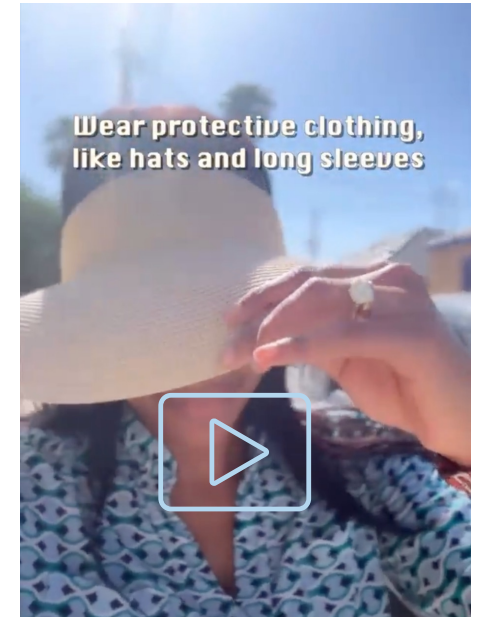
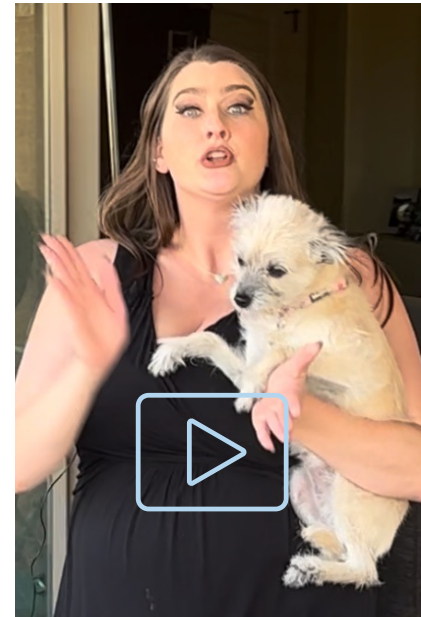
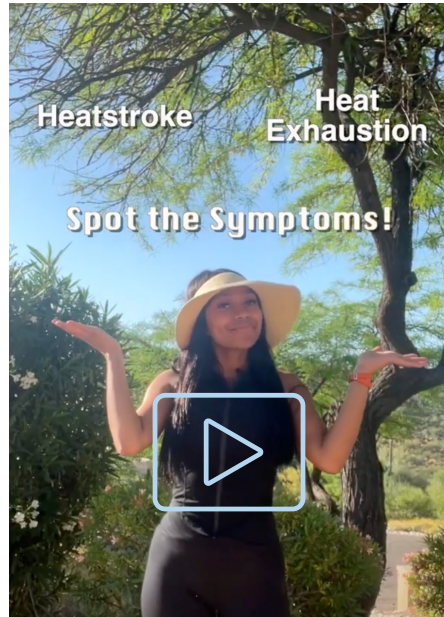
Very high body temperatures may damage the brain or other important organs and can lead to death or permanent disability if emergency treatment is not provided.





VIDEO # 1

VIDEOS



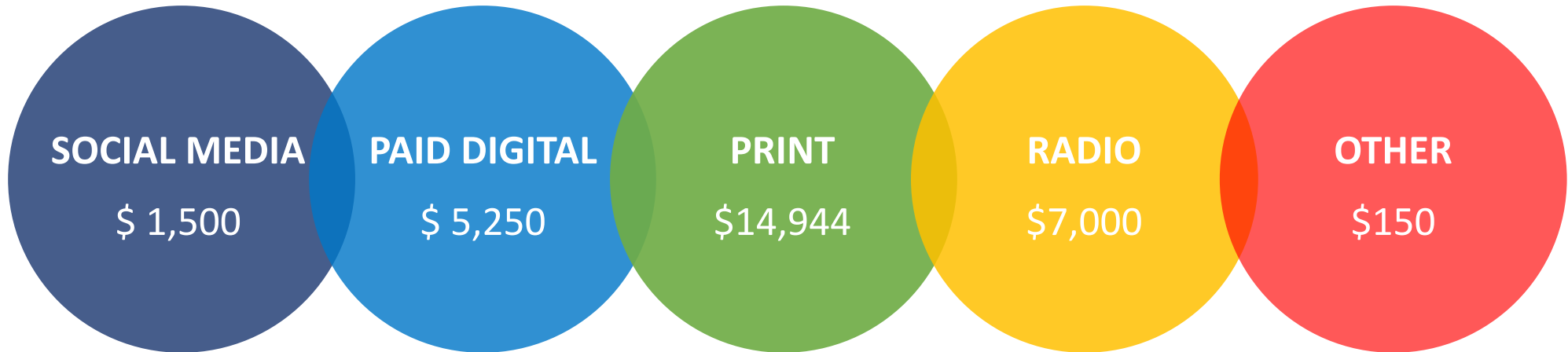
Target Demo	Tone/Inspiration	Messaging
General Audience Bilingual	Viral/TikTok	Heat Stroke v. Heat Exhaustion Symptoms explained
General Audience	Viral/TikTok	“How to exist during a Tucson summer”
General Audience	Viral/TikTok	“Do not leave your kid or pet in your hot car. Don’t do it.” 🙌🙌🙌



PIMA COUNTY
COMMUNICATIONS



MARKETING/ADVERTISING | \$28,844





ORGANIC SOCIAL MEDIA

May – August

At least twice a week

NON-PAID posts



STAY COOL
Stay indoors or limit activity to mornings or evenings

MANTENTE FRESCO
Programa actividades al aire libre durante la mañana o la noche

Heat Awareness Week PIMA COUNTY HEALTH DEPARTMENT

Evita el Calor Extremo PIMA COUNTY HEALTH DEPARTMENT

Know the signs and symptoms of heat-related illnesses

Heat Awareness Week PIMA COUNTY HEALTH DEPARTMENT

HEAT AWARENESS WEEK

Stay Cool Stay Informed

MAY 5-11, 2024

EVITA EL CALOR EXTREMO

Semana de Concientización

5-11 de MAYO, 2024 PIMA COUNTY HEALTH DEPARTMENT

ANYONE can experience heat illness or death

Heat Awareness Week PIMA COUNTY HEALTH DEPARTMENT



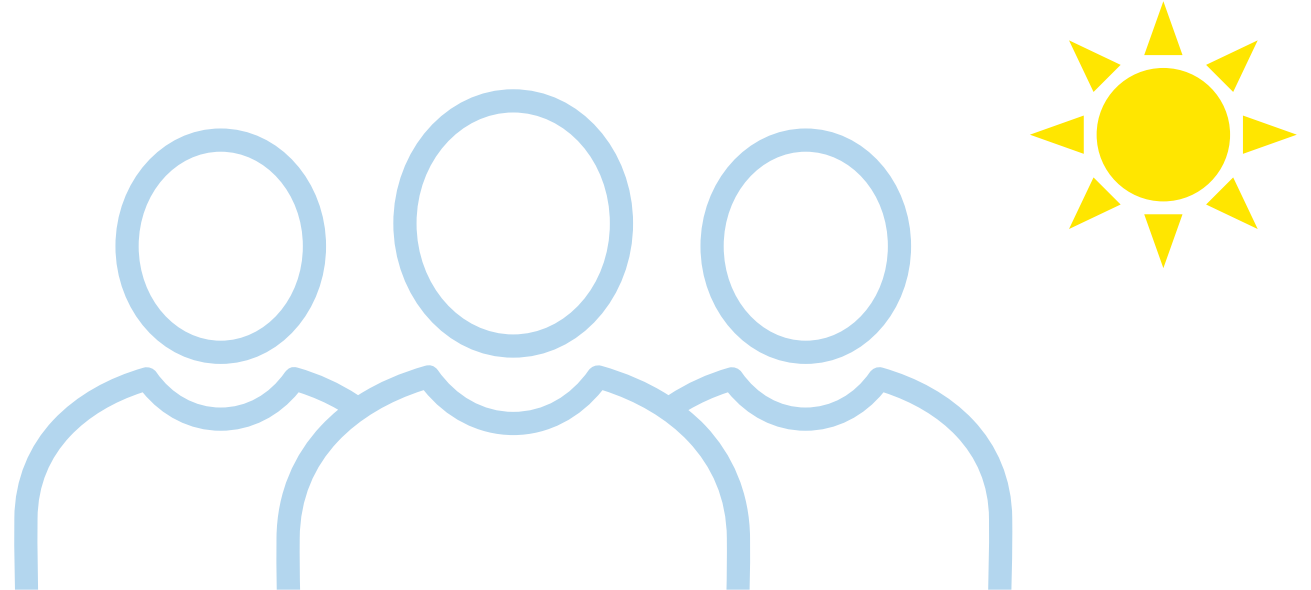
PAID SOCIAL MEDIA

06/01-08/31

\$1,500



PIMA COUNTY
COMMUNICATIONS



	Target demographic	Messaging
META/ INSTAGRAM \$1,000	<ul style="list-style-type: none">• General Audience	<ul style="list-style-type: none">• General• At-Risk Populations• Heat-Related Illness Education• Outdoor Safety Education
TIKTOK \$500	<ul style="list-style-type: none">• Youth Audience (Millennials/ Gen-Z)	<ul style="list-style-type: none">• Safe Recreation Info• Heat-Related Illness education• Pizza Cooking / Cookie baking using the sun

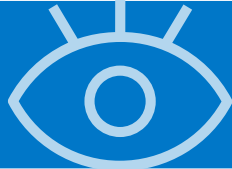


PAID DIGITAL

06/01-08/31
\$5,250



PIMA COUNTY
COMMUNICATIONS

	Target demographic	Messaging 
AGILITY \$1250	<ul style="list-style-type: none"> Bilingual People living in mobile homes 	<ul style="list-style-type: none"> Push people to website Home too hot to bear, find a cooling center Heat kills Heat Awareness education Gifs (Six different sizes, 1 CTA per each size)
AudioGo \$1000	<ul style="list-style-type: none"> People living in mobile homes 	<ul style="list-style-type: none"> General audience message on Heat Safety
OTT \$3,000	<ul style="list-style-type: none"> Bilingual People living in mobile homes 	<ul style="list-style-type: none"> General Awareness 30 sec (non-skippable) Cooling Centers 30 sec (non-skippable)

HIGH RISK FACTORS & PEOPLE LIVING IN MOBILE HOMES
85705
85706
85756
85746
85653
85713
85735
85743
85602
85736
85629
85641
85757
85730
85741
85719
85710



TV & RADIO

06/01-08/31

\$7,000

:15 sec + :30 sec ads



	Target demographic	Messaging
AJO RADIO \$1,500	<ul style="list-style-type: none">Rural communities	<ul style="list-style-type: none">General audience message on Heat Safety.
LA CALIENTE (Lotus) \$1,500	<ul style="list-style-type: none">Spanish language	<ul style="list-style-type: none">General audience message on Heat Safety.
LA PODEROSA (Bustos) \$1,500	<ul style="list-style-type: none">Spanish language	<ul style="list-style-type: none">General audience message on Heat Safety.
KPYT \$500	<ul style="list-style-type: none">Pascua Yaqui	<ul style="list-style-type: none">General audience message on Heat Safety.
KLPX (Lotus) \$2,000	<ul style="list-style-type: none">Blue Collar	<ul style="list-style-type: none">General audience message on Heat Safety.



PRINT

\$14,944



	Target demo	Messaging	Deliverables
AJO COPPER NEWS \$1,320	<ul style="list-style-type: none">Rural communities	<ul style="list-style-type: none">GeneralHRI education	<ul style="list-style-type: none">(6) Half Page Ads for three months
ARIZONA BILINGUAL \$0	<ul style="list-style-type: none">Spanish language	<ul style="list-style-type: none">Focus on HRI awareness	<ul style="list-style-type: none">Front page ad(4) Half-page ads
FLYER & SURVEY \$300	<ul style="list-style-type: none">People using Cooling Service locations	<ul style="list-style-type: none">Take the survey	<ul style="list-style-type: none">Flyer
GV NEWS & SAHUARITA \$3000	<ul style="list-style-type: none">GeneralOlder adultsHigh risk	<ul style="list-style-type: none">GeneralHRI educationCooling centers	<ul style="list-style-type: none">(9) 2 col x 5" ads for three months with digital impressions
SIGNAGE \$10,000	<ul style="list-style-type: none">Unhoused	<ul style="list-style-type: none">Directions	<ul style="list-style-type: none">Coroplast signs, A-frames
TUCSON LOCAL MEDIA \$624	<ul style="list-style-type: none">Summer Survival Section	<ul style="list-style-type: none">GeneralCooling Centers	<ul style="list-style-type: none">(2) Half Page Ads in special section



WEBPAGE

pima.gov/heat



BEAT THE HEAT

Arizona can be one of the hottest places on earth from June to September.

In addition to being uncomfortable, the heat can be harmful and can cause heat-related illness and sometimes death. Each year, nearly 2,000 people visit Arizona emergency rooms because of heat-related illnesses. The resources on this page can

- Stay Cool: Find Cooling Centers
- Stay Informed: Sign up for Alerts

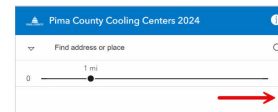
COOLING CENTERS

Find Shelter, Hydration, and More Near You

The interactive map below shows the locations of cooling centers, and hydration stations, and other resources around Tucson.

In smaller windows you may find it helpful to close the description window with the X to see/browse the map.

If you have trouble with the embedded map, try the [Cooling Center direct link](#).



STAY INFORMED DURING EXTREME HEAT

Arizona can be one of the hottest places on earth from June to September. In addition to being uncomfortable, the heat can be harmful and can cause heat-related illness and sometimes death. Each year, nearly 2,000 people visit Arizona emergency rooms because of heat-related illnesses. The resources on this page can help you stay cool, stay safe, and stay informed.

State-Wide Excessive Heat Warnings

The Arizona Department of Health Services shares the National Weather Service's Excessive Heat Warnings to warn people about dangerous heat conditions. In addition to being uncomfortable, the heat can be harmful and can cause heat-related illness and staying safe.

You can [subscribe](#) to two types of heat warnings: Excessive Heat Warnings for the general public and Excessive Heat Warnings for students to help them ensure student safety.

Pima County Emergency Alerts

During an emergency, urgent messaging is effective only if it reaches you quickly. The County's mass notification system can send emergency messages to many of your electronic devices. Go to [MyAlerts.pima.gov](#) to sign up and start receiving emergency alerts.

Learn about local [county partners](#) that offer critical information sharing through their own websites or alert systems.

Heat-Related Risks

- Plan ahead by checking the [Centers for Disease Control and Prevention's \(CDC\) Heat Risk dashboard](#), which offers guidance on how to take depending on heat-related risk levels.
- View local weather forecasts on the [NWS Tucson Forecast Office](#) page.
- Learn more about how you can work with your doctor to create a [Heat Action Plan](#) to help you stay safe on hot days.

properly cool themselves. If the temperature might rise

pima.gov/heat

- Map of Cooling Centers, Hydration Stations, & Respite Centers, etc.
- Main page alert banner during extreme heat
- How to Stay Informed
- Community Resources

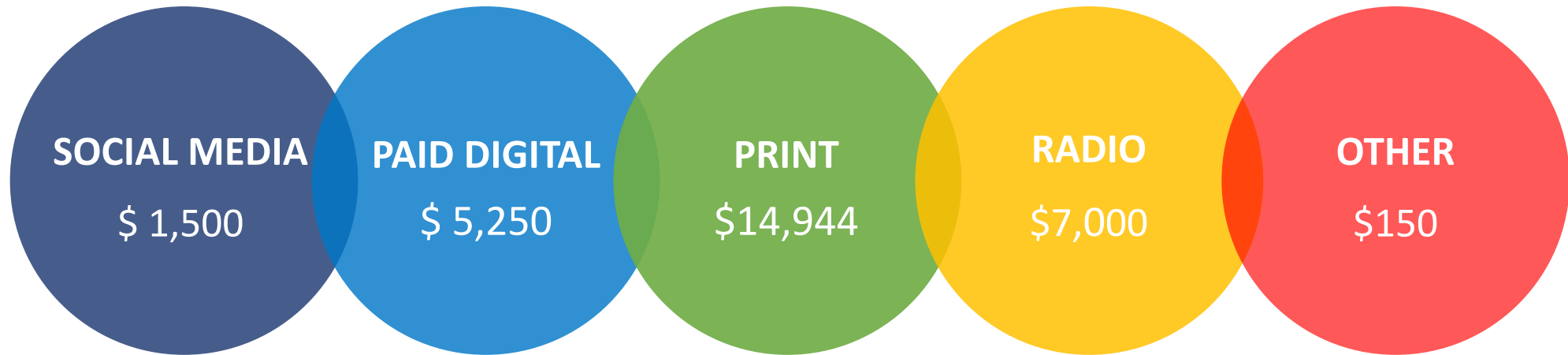
COMMUNITY RESOURCES

COMMUNITY RESOURCES		
Get help checking on older friends and relatives	Neighbors Care Alliance <i>(Pima Council on Aging)</i>	This network of neighborhood volunteer programs have a shared mission of helping older adults thrive safely in their homes for as long as possible.
A/C repair and energy efficiency	Home Repair Assistance <i>(Pima County Community Workforce and Development)</i>	Homeowners concerned about the health, safety, and energy of their home may be eligible for assistance.
Utility Assistance	Customer Assistance Programs <i>(Tucson Electric Power)</i>	Having trouble paying your electric bill? TEP offers several customer-funded programs and partners with local and state agencies to assist customers facing financial hardships and to help them reduce their energy use.
Renter's rights and cooling	Heat Relief Arizona Tenant Rights & Repairs	Under Arizona law, landlords do not have to provide air conditioning or cooling, but they are required to keep air conditioning and cooling units that are already on the property in working order.
Resources to help prepare for extreme climate emergencies	Citizen's Guide to Climate Extremes	This guide from PSR Arizona provides citizens of Southern Arizona with a comprehensive list of resources to help prepare for and build resilience in the face of extreme climate emergencies. It also provides information on how to help reduce and help stop further climate change. In English and Spanish.

Hello, how can we help you? [Click here](#)



MARKETING/ADVERTISING | \$28,844



ATTACHMENT 4

ORDINANCE 2024- _____

AN ORDINANCE OF THE BOARD OF SUPERVISORS OF PIMA COUNTY, ARIZONA, RELATING TO WORKPLACE HEAT SAFETY; AMENDING THE PIMA COUNTY CODE BY ADDING A NEW CHAPTER 11.40 TO THE PIMA COUNTY PROCUREMENT CODE

The Board of Supervisors of Pima County, Arizona finds that:

1. The Board of Supervisors has authority under A.R.S. §§ 11-251(17), 11-251.05, and 36-186(8) to adopt provisions necessary to preserve the health of the county, and under A.R.S. § 23-430(A) to assert jurisdiction over any occupational safety or health issue with respect to which no standard or regulation is in effect.
2. Heat-related illness is a serious public health concern in Pima County. Individuals who are required to work outdoors are at higher risk of heat-related illness, injuries, and even death.
3. No state statute or regulation addressing the mitigation of heat-related illnesses and injuries in the workplace is currently in effect within the state of Arizona.
4. It is in the best interest of the County to require that any contractor whose employees or contract workers perform work in an outdoor environment under a Pima County contract must utilize a Heat Injury and Illness Prevention and Safety Plan to prevent and remediate heat-related illnesses and injuries in the workplace.

IT IS ORDAINED BY THE BOARD OF SUPERVISORS OF PIMA COUNTY, ARIZONA:

Section 1: Title 11 of the Pima County Code is amended to add a new Chapter 11.40 as follows:

**Chapter 11.40
WORKPLACE HEAT SAFETY**

11.40.010 Declaration of Policy. The purpose of this chapter is to protect outdoor workers from heat hazards by requiring that all contractors or subcontractors who work under a Pima County contract and whose employees or contract workers work outdoors create a written Heat Injury and Illness Prevention and Safety Plan.

11.40.020 Definitions.

1. "Heat Injury and Illness Prevention and Safety Plan" means a written plan that details preventative and remedial measures to provide protection and relief from heat hazards.
2. "Outdoor environment" means a location where 50% or more work activities are conducted outside.

11.40.030 Mandatory Contract Clause. The following clause must be included in all County contracts:

Heat Injury and Illness Prevention and Safety Plan. Contractor hereby warrants that if Contractor's employees perform work in an outdoor environment under this Contract, Contractor will keep on file a written Heat Injury and Illness Prevention and Safety Plan. At County's request, Contractor will provide a copy of this plan and documentation of heat safety and mitigation efforts implemented by Contractor to prevent heat-related illnesses and injuries in the workplace. Contractor will post a copy of the Heat Injury and Illness Prevention and Safety Plan where it is accessible to employees. Contractor will further ensure that each subcontractor who performs any work for Contractor under this Contract complies with this provision.

11.40.040 Penalties. A Contractor who fails to comply with the provisions of this chapter after receiving notice and an opportunity to comply is subject to sanctions permitted by law including, but not limited to, cancellation, termination, or suspension of the County contract.

11.40.050 Enforcement. If the County Department primarily responsible for managing any contract learns that a Contractor is in violation of this chapter, Contractor will be notified by the Department for remedy of such violation. If the Contractor, after notice of noncompliance, fails to demonstrate that it has taken appropriate corrective action for the breach, the Department will notify OSHA/ADOSH and may take other action as permitted according to the terms of the contract, including termination.

11.40.060 Exemptions. This chapter does not apply to any County contract with federal, state, or local governments or their agencies.

Section 2. This Ordinance is effective 30 days after the date of adoption.

PASSED AND ADOPTED by the Board of Supervisors, Pima County, Arizona, this _____ day of _____, 2024.

Chair, Board of Supervisors

ATTEST:

Clerk of the Board

APPROVED AS TO FORM:

Deputy County Attorney