2019 EVALUATION OF THE PINAL COUNTY HEAT RELIEF NETWORK

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Data slides adapted from graduate presentation by Mariko Yoshinaga, MPH
Who are our partners?
Where are heat relief stations located?
Why was the Pinal County HRN developed?

How is the Pinal County HRN funded?
How was the HRN evaluation structured?

**KEY QUESTIONS**
Are our HRSs effective at reducing HRI & providing heat protection resources?  
How can effectiveness be improved, our reach be expanded?

**THREE SURVEYS**
Clients, Providers, General public

**SURVEY FORMAT**
Online (Qualtrics) | Paper (at heat relief station) | Take-home link  
Submit online, fax, or email  
“Survey Station” tips
What did clients identify as the biggest obstacle to utilizing HRN resources?

The biggest obstacle for clients to get to HRS is lack of transportation.

Distance & lack of knowledge of locations were noted as the biggest obstacles to utilizing local Heat Relief Stations.

Figure 1. Obstacles facing HRN utilization among current HRN clients, Pinal County, AZ, 2019.

Figure 2. Obstacles facing HRN utilization among Pinal County residents, Pinal County, AZ, 2019.
How does location & travel distance impact the use of HRN resources?

The **majority** of respondents are **willing to travel 5 miles or less** for heat relief.

<table>
<thead>
<tr>
<th>Distance</th>
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<tbody>
<tr>
<td>More than 10 miles (I need heat relief, no matter the distance)</td>
</tr>
<tr>
<td>1 mile or less (several blocks)</td>
</tr>
<tr>
<td>10 miles or less (about a 15 - 20 minute drive)</td>
</tr>
<tr>
<td>I am not willing/able to travel</td>
</tr>
<tr>
<td>More than 10 miles (I need heat relief, no matter the distance)</td>
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<td>0</td>
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**Figure 3.** Distance Pinal County residents are willing to travel for heat relief, Pinal County, AZ, 2019

The **majority** of Heat Relief Network clients **traveled between 1 & 5+ miles** to access heat relief.

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<thead>
<tr>
<th>Distance</th>
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<tbody>
<tr>
<td>More Than 5 Miles</td>
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<tr>
<td>1 - 5 Miles</td>
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<tr>
<td>Less Than 1 Mile</td>
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<tr>
<td>Unsure</td>
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<td>0</td>
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**Figure 4.** Distance current HRN clients travel to access heat relief, Pinal County, AZ, 2019.
Do pets at home prevent risk-groups from seeking heat relief services through the HRN?

28% of respondents have pets at home who show signs of heat stress and leaving their pet alone at home keeps them from seeking heat relief for themselves.

Figure 5. Distribution of HRN clients with pets also in need of heat relief, Pinal County, AZ, 2019.
What recommendations were developed?

- Universal signage or identifier
- Heat relief & free water here!
- Post HRN maps & signs in public locations (e.g., buses & stops), bilingual
- Establish partnerships with ride sharing services for (free) transportation
- Consider establishing a motivation system for HRN partners to improve HRN-related services & participation
- Increased promotion & awareness of the HRN
Want to talk more about this?

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Thank you!