

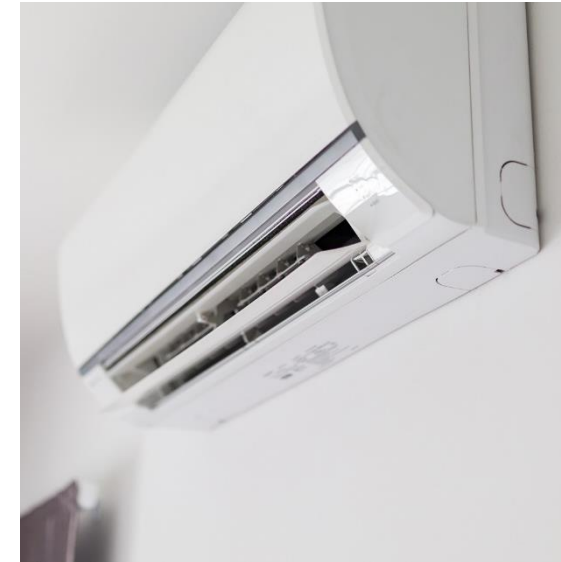
Oregon Department of **ENERGY**

Cooling Needs Informational Hearing

Senate Committee on
Housing

February 19, 2025

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OREGON DEPARTMENT OF ENERGY

Leading Oregon to a safe, equitable, clean, and sustainable energy future.

Our Mission

The Oregon Department of Energy helps Oregonians make informed decisions and maintain a resilient and affordable energy system. We advance solutions to shape an equitable clean energy transition, protect the environment and public health, and responsibly balance energy needs and impacts for current and future generations.

What We Do

On behalf of Oregonians across the state, the Oregon Department of Energy achieves its mission by providing:

- A Central Repository of Energy Data, Information, and Analysis
- A Venue for Problem-Solving Oregon's Energy Challenges
- Energy Education and Technical Assistance
- Regulation and Oversight
- Energy Programs and Activities

OREGON COOLING NEEDS STUDY



2022's Senate Bill 1536

Aimed to improve indoor cooling and allocate cooling infrastructure funds.

- Directed ODOE to conduct a Cooling Needs Study
- \$10 M for a heat pump deployment program
- \$15 M in grants and rebates for landlords to install heat pumps
- \$2 M in grant funding for a community cooling center program

Landlords may not* prohibit or restrict tenants from installing or using portable cooling device.



Created an Oregon Health Authority program to distribute air conditioners and air filters.

Mandated cooling systems in new residential units.

Updated language for “warming centers” to include cooling and air filtration.

Non-legislative actions

- Portland Emergency Heat Response Program
- Multnomah County Heat Vulnerability Index





OREGON COOLING NEEDS STUDY

Assessed Cooling Needs in:

- Publicly supported multifamily housing
- Manufactured dwelling parks
- Recreational vehicles (RVs) being used as housing
- Agricultural workforce and farmworker housing

[Link to the Oregon Cooling Needs Study](#)

Study Approach

Identify and consolidate all existing data and technical information.

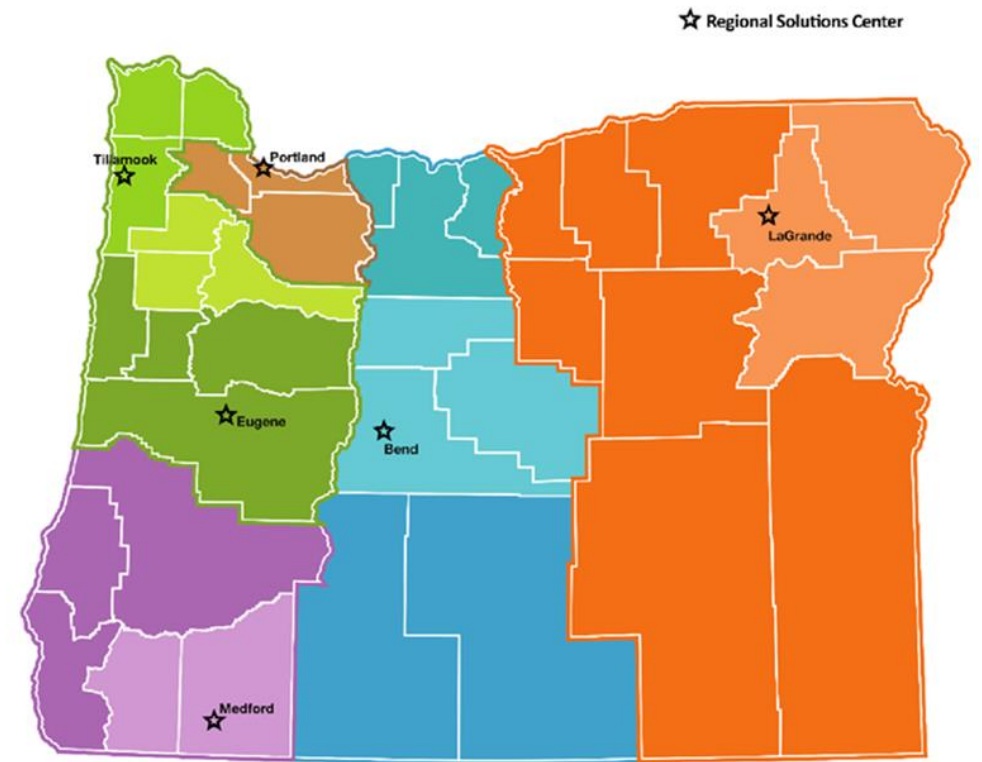
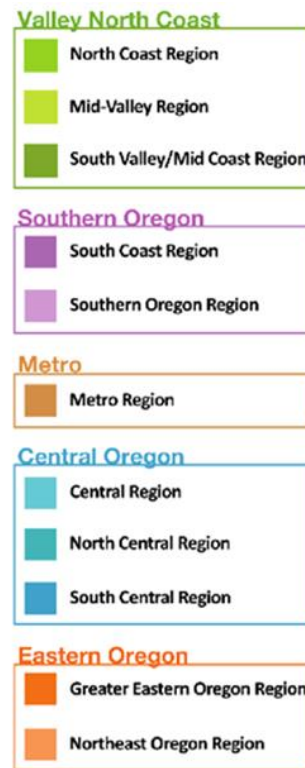
Conduct outreach to collect on-the-ground data from heat vulnerable populations in partnership with a network of Community-Based Organizations.

Compile results into final report and Heat Vulnerability Index online GIS tool.

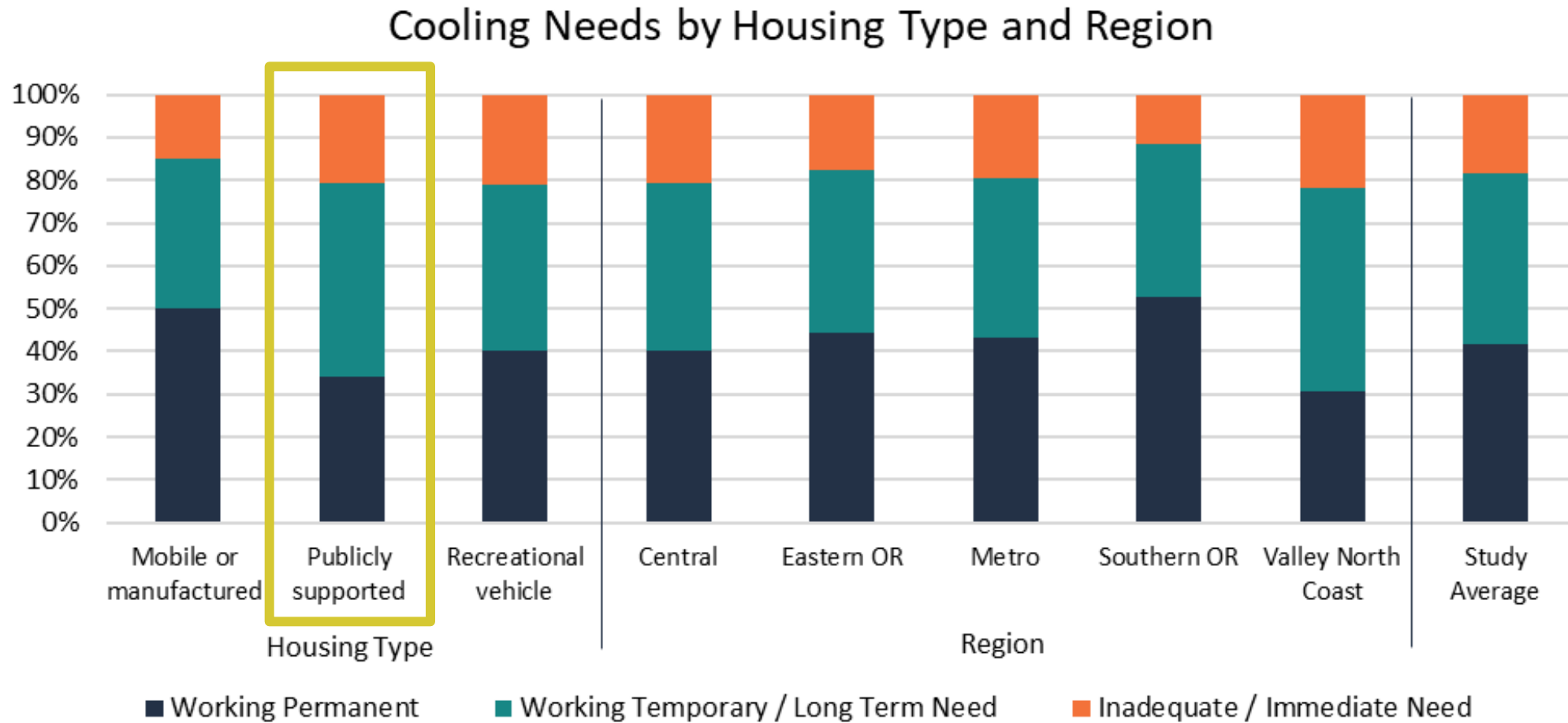


STUDY FINDINGS: REGIONAL NEEDS

58% of survey respondents need permanent cooling. The total cost for installing the preferred cooling equipment across all housing types is estimated between \$582.1 million and \$1.05 billion.



STUDY FINDINGS: REGIONAL NEEDS

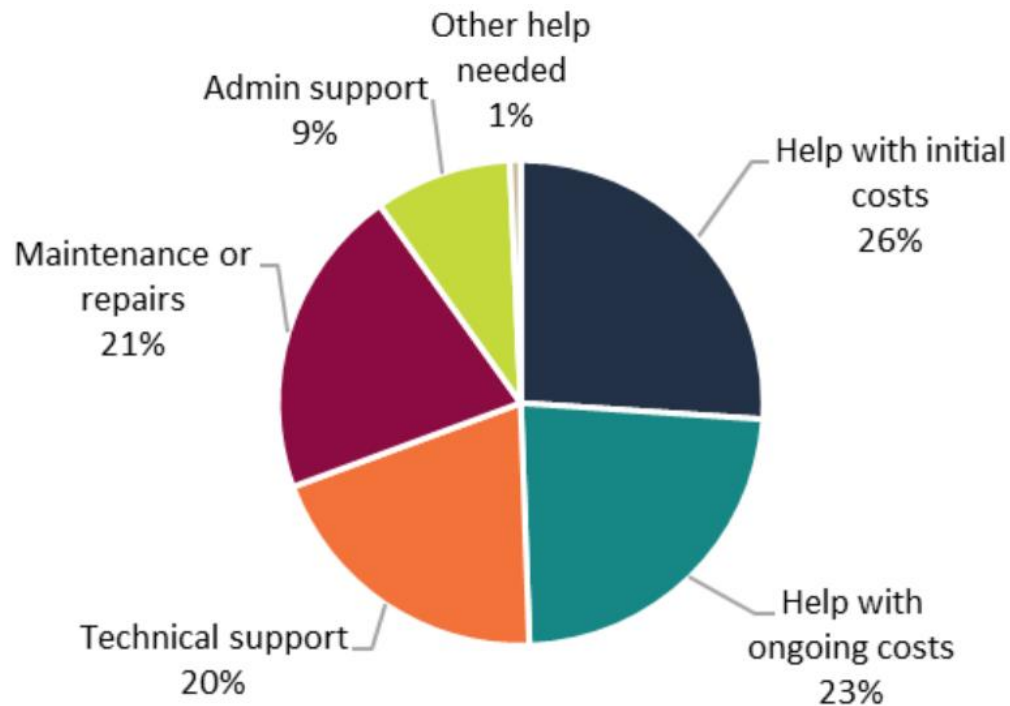


STUDY FINDINGS: MULTIFAMILY HOUSING NEEDS

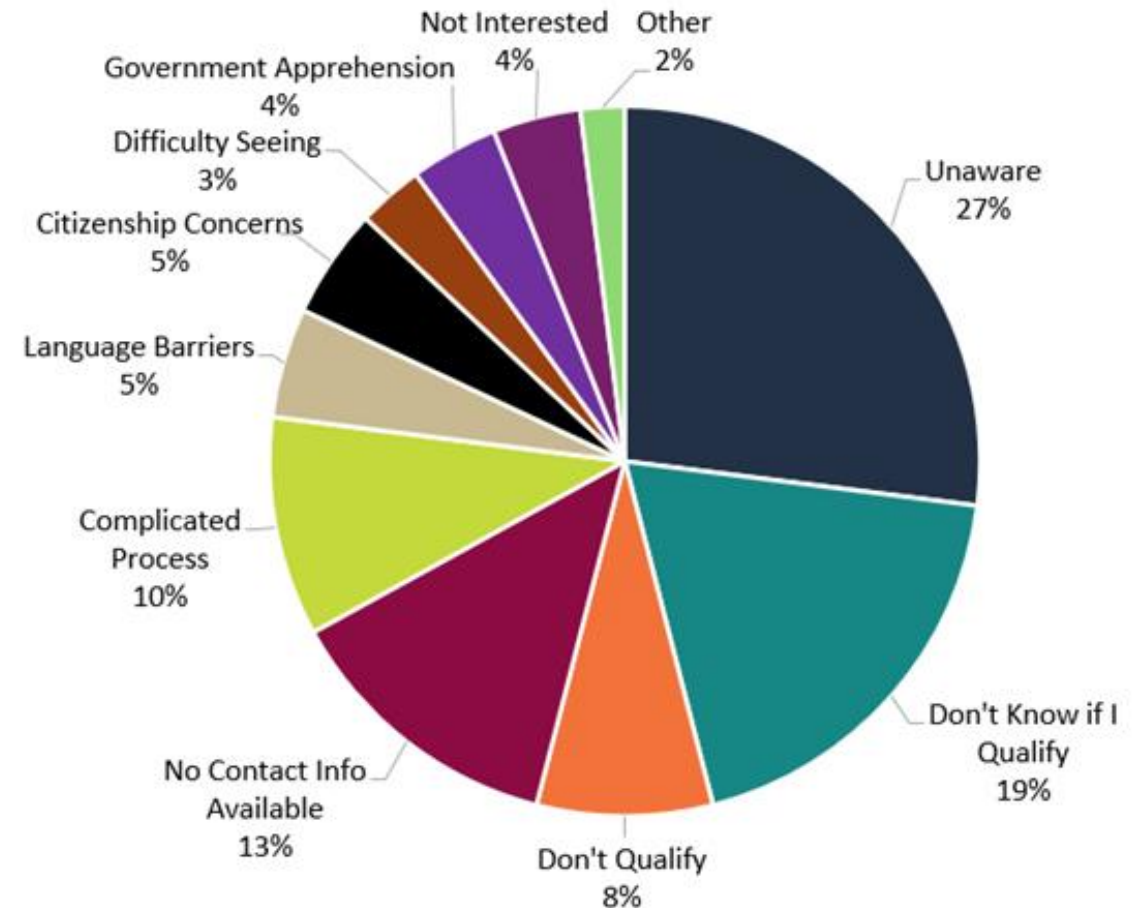
	Manufactured	Multifamily	RV	Ag Housing
Number of survey responses (percentage)	406 (43%)	410 (43%)	132 (14%)	Not included
Number of units statewide	78,900	17,600	6,300	2,100
% Immediate need Projected Statewide Units	15% 12,900	21% 3,700	21% 1,300	Unknown
% Long-term need Projected Statewide Units	35% 27,600	45% 8,000	39% 2,400	100% 2,100

STUDY FINDINGS: SOCIAL BARRIERS

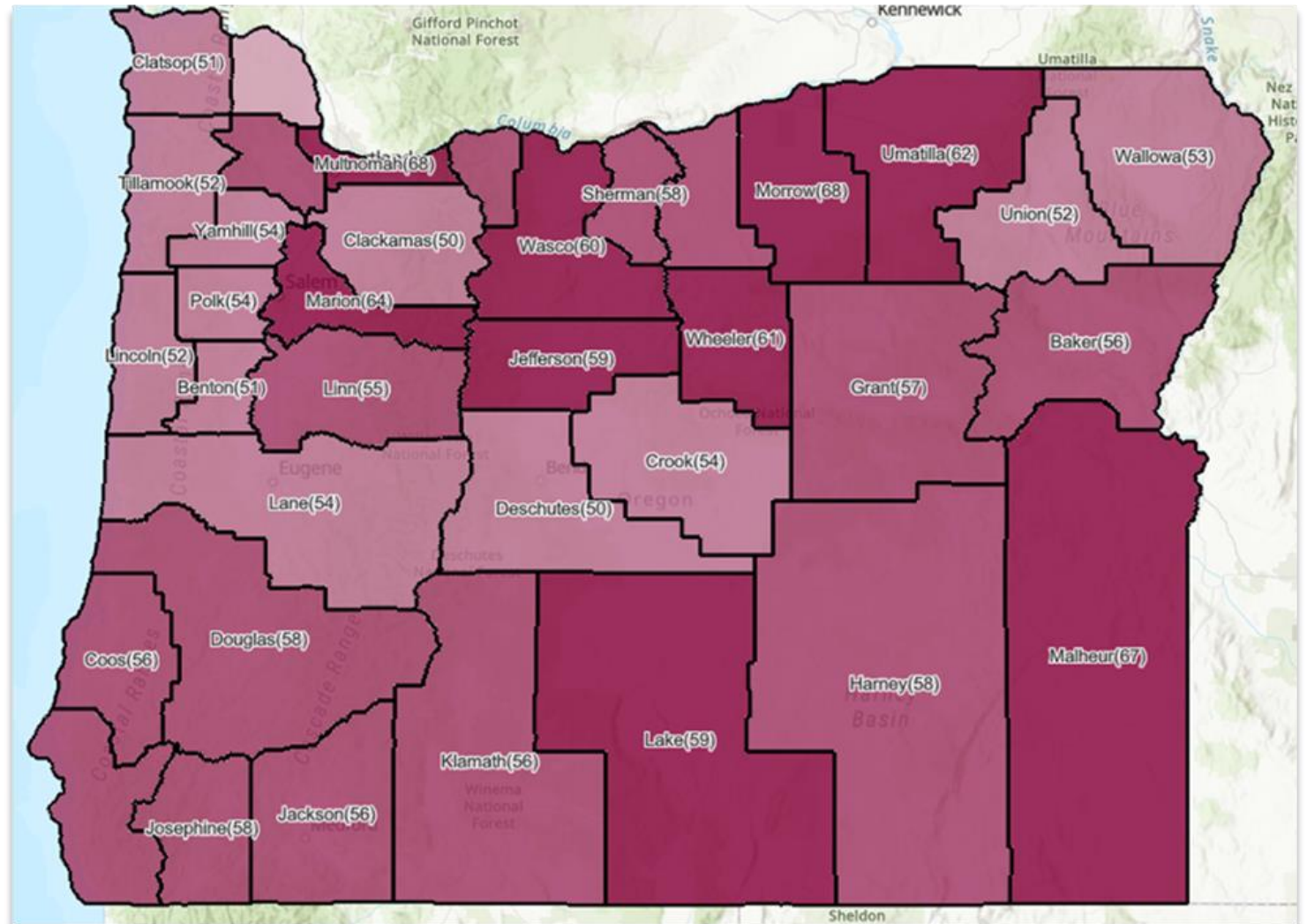
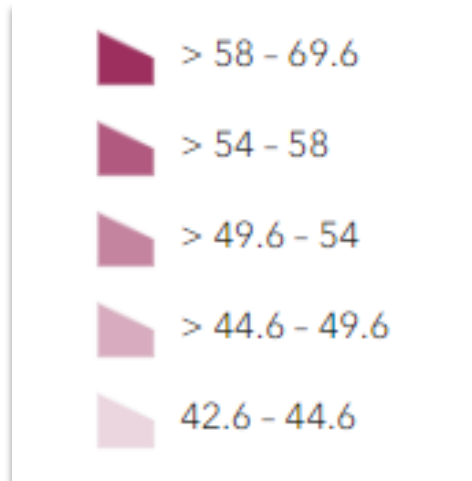
Types of support needed to upgrade cooling:



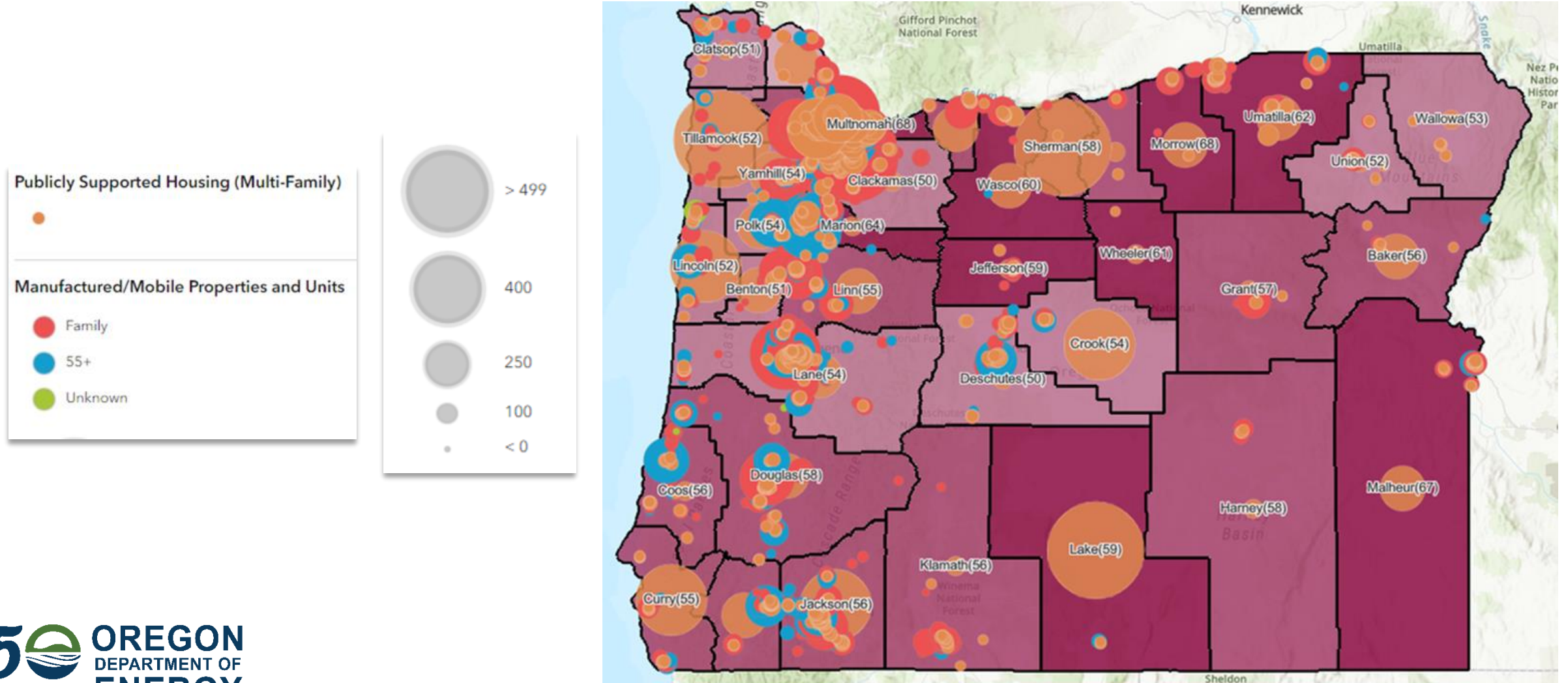
Reasons for not using assistance programs:



HEAT VULNERABILITY INDEX

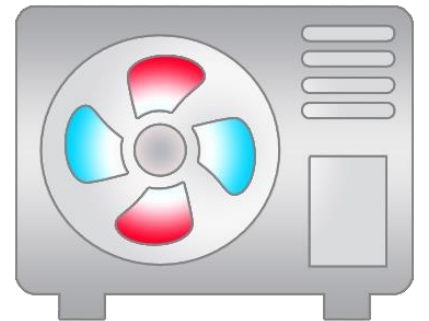


HOUSING CONTEXT



OREGON RENTAL HOME HEAT PUMP PROGRAM

- Funded by Oregon Legislature
- \$19 million
- Offset the cost of installing essential heating and cooling devices in Oregon rental homes, manufactured homes, and recreational vehicles located in rented space
- Incentivize the purchase and installation of heat pumps for rental property owners
 - 25% of funding reserved for affordable housing providers
 - 25% of funding reserved for low- and moderate-income households



HEAT PUMP PURCHASE PROGRAM

- Funded by EPA Climate Pollution Reduction Grant
- \$24 million
- Offset the cost of installing essential heating and cooling devices in housing across Oregon
- Target program start date: Spring 2025
- 12,000 incentives of \$2,000 each toward the purchase of a heat pump
 - 6,000 incentives for **rental units**
 - 4,000 incentives for **new residential construction** (including rental units)
 - 2,000 incentives for **owner occupied homes**



Questions?

Contact Information

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