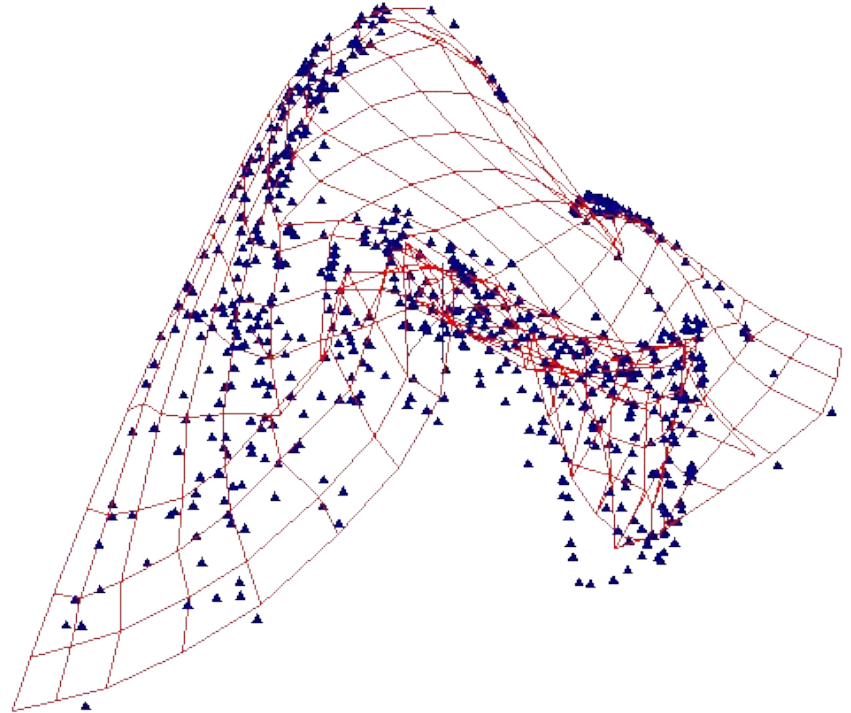


Energy Assistance Need and Barriers

empower
dataworks



Welcome!

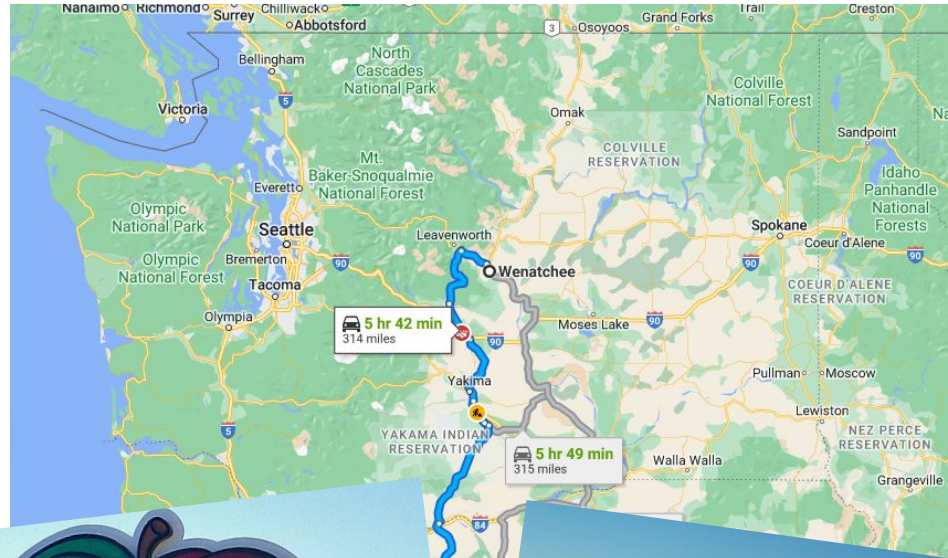


Hassan Shaban, PhD
Principal, Empower Dataworks
Wenatchee, WA

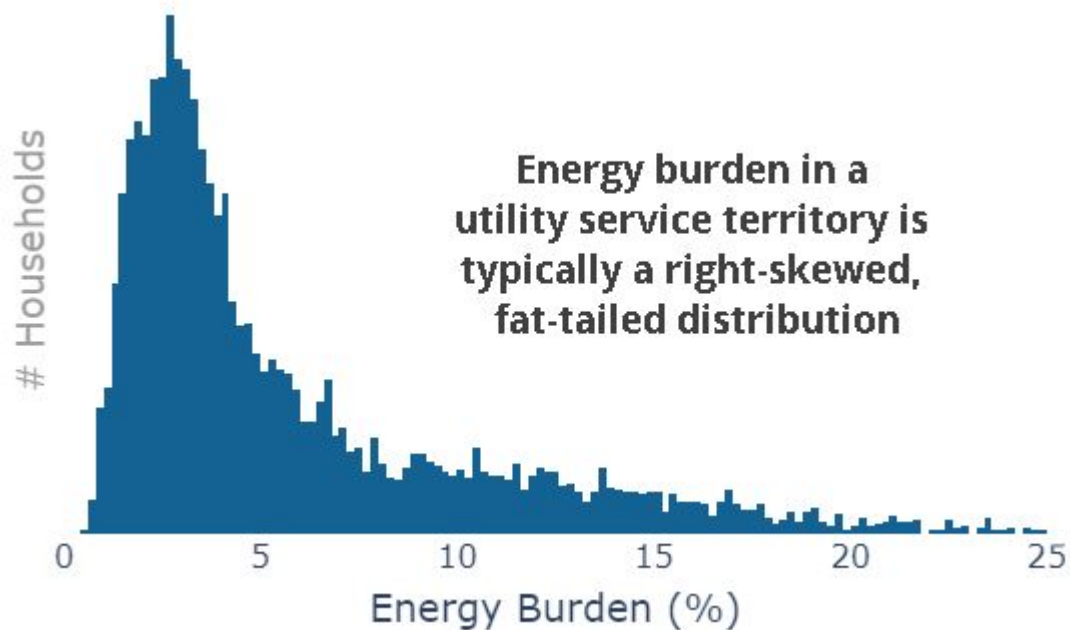
Ask me about:

Limited income programs: needs
assessments, evaluation and marketing

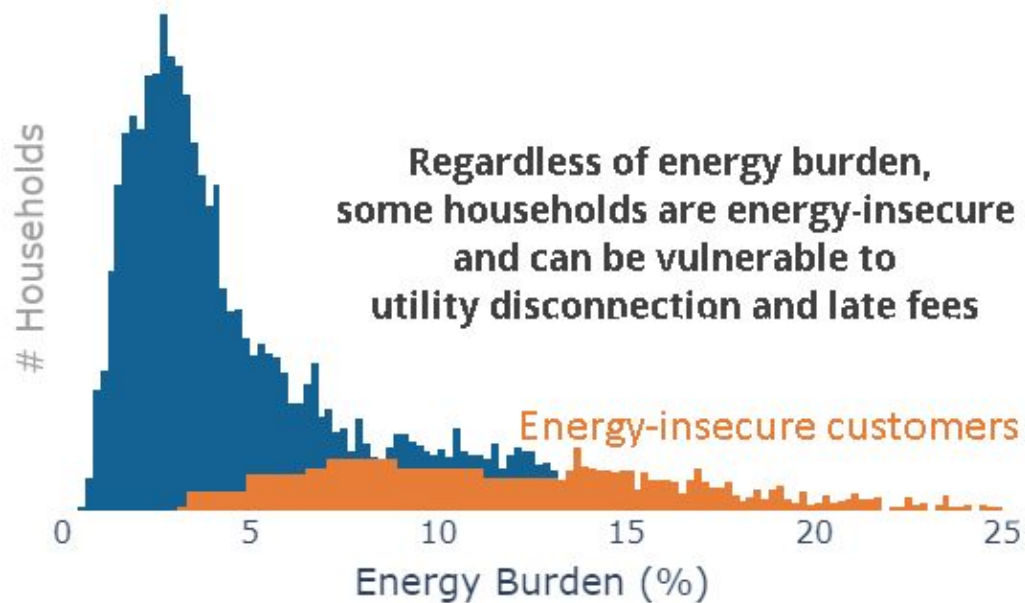
hassan@empowerdataworks.com



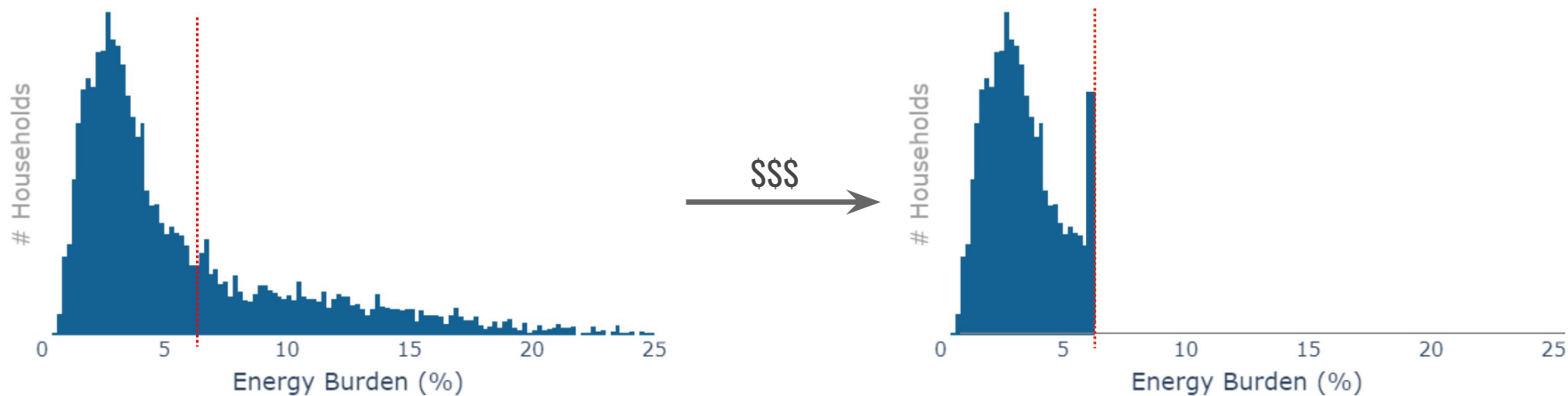
Energy Burden



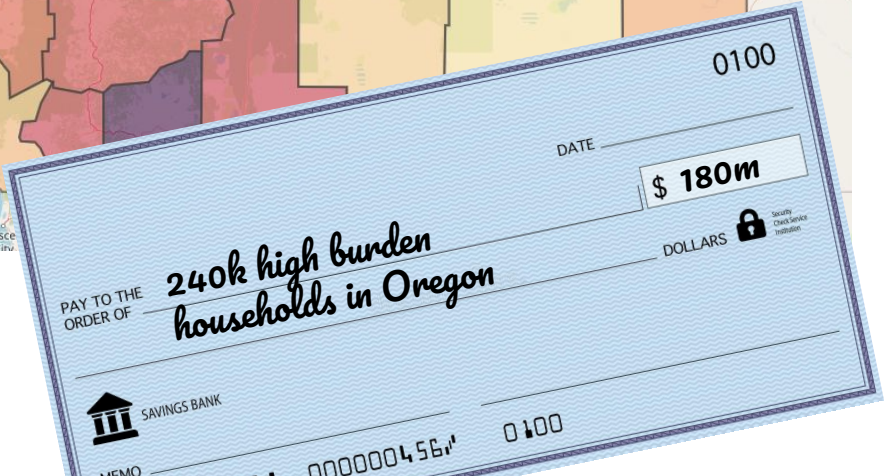
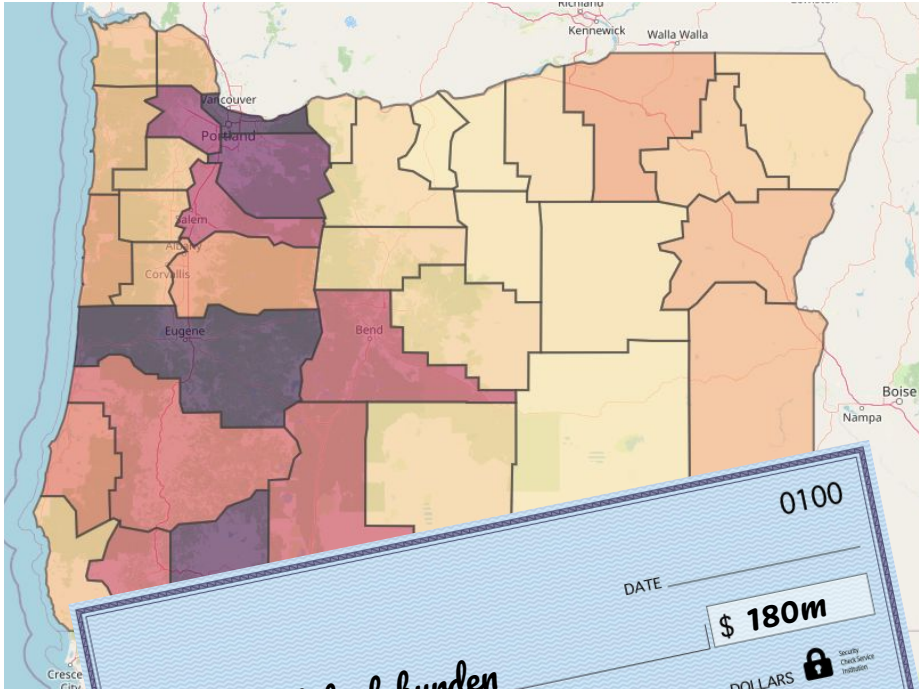
Energy Insecurity is Harder to Measure



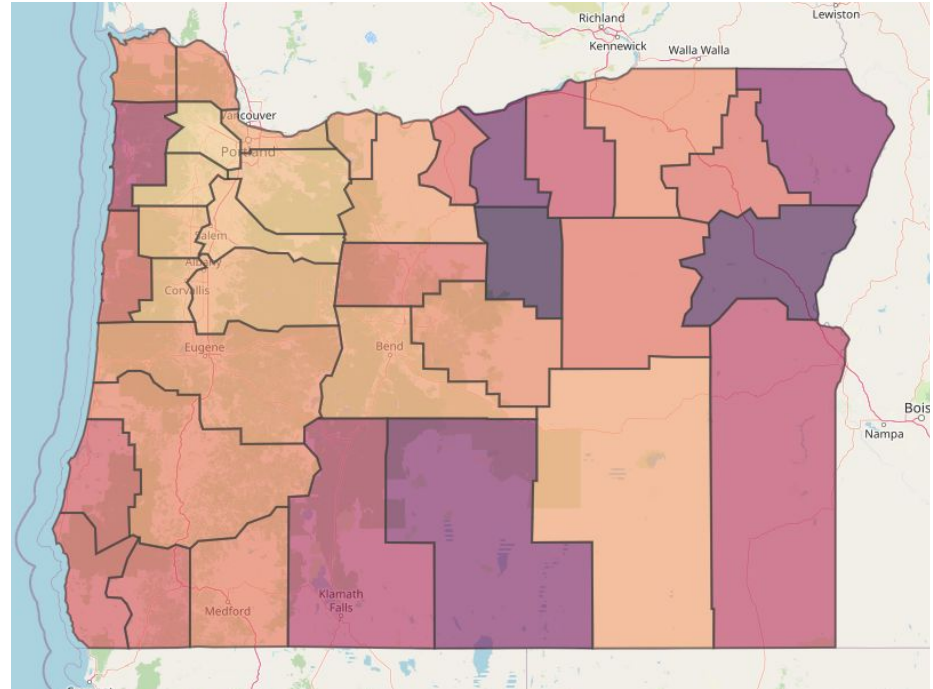
Energy assistance need



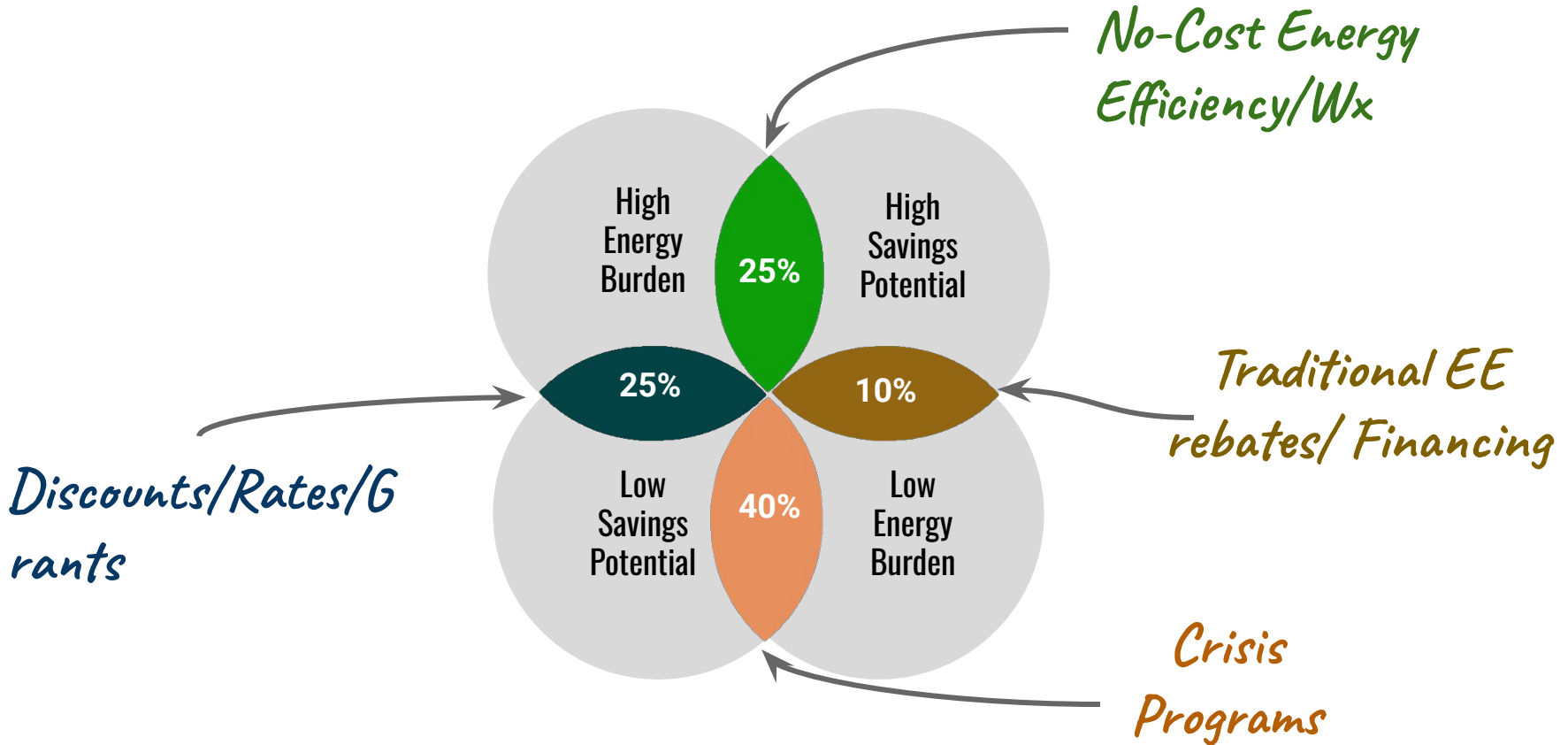
Total Energy Assistance Need



Average Energy Assistance Need



The Program Mix



We can use data to identify need but we can't force feed assistance



95-100% of eligible households receive SNAP in Oregon

\$2,300 average annual SNAP benefit in Oregon



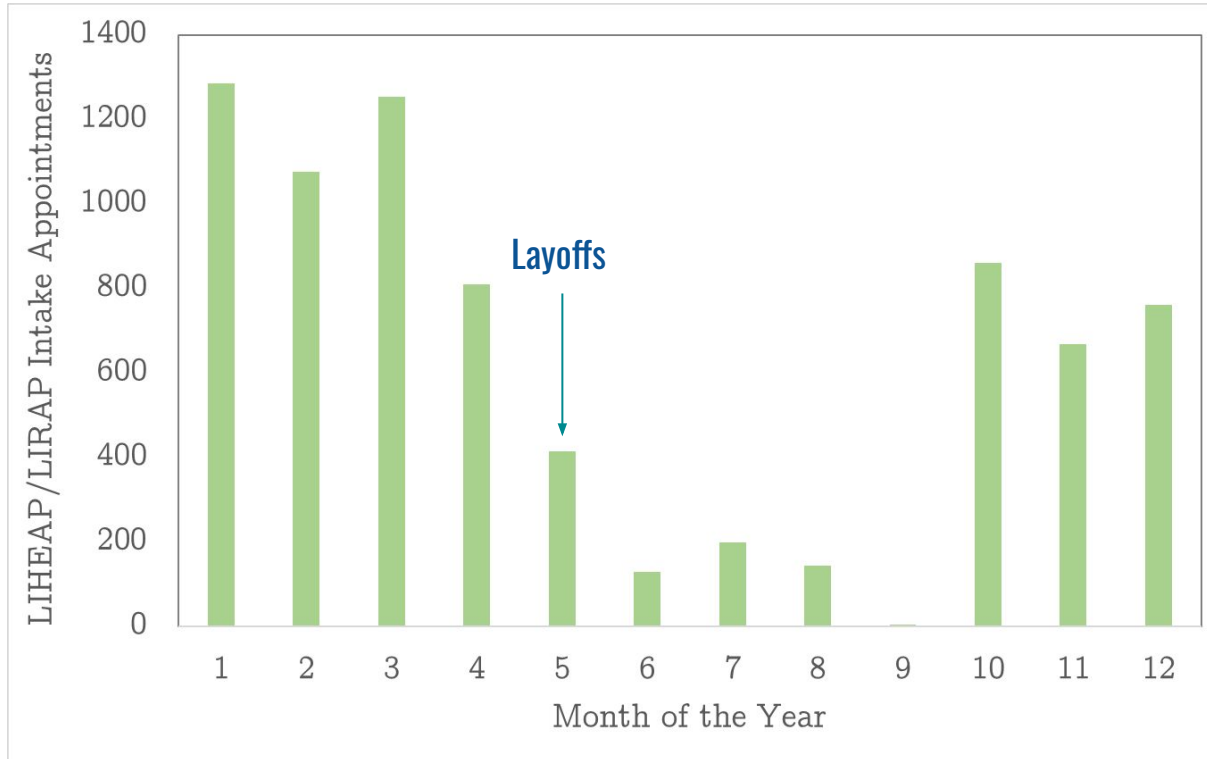
Only **10-20%** of customers eligible for energy assistance receive it

\$750 max LIHEAP (+\$750 ECIP) + utility assistance - averages **\$1,000** per household per year

There's a clear need and available funding.

What prevents households from accessing energy assistance and weatherization?

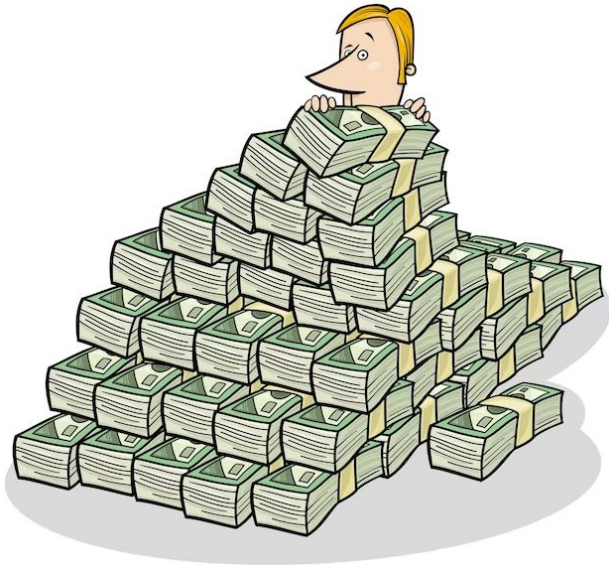
Many agencies in Washington having trouble spending funds towards end of winter



How do you **flatten the curve**?
Balancing staffing and resources with the ebbs and flows of energy assistance applications?

Helpful LIHEAP policies:

- 2 year re-certification pathway
- Targeted intake
- Pre-qualify in September



Marketing/
Outreach



Partnerships



Administration /
Customer Service



Workforce
(Train/Implement)



Suppliers



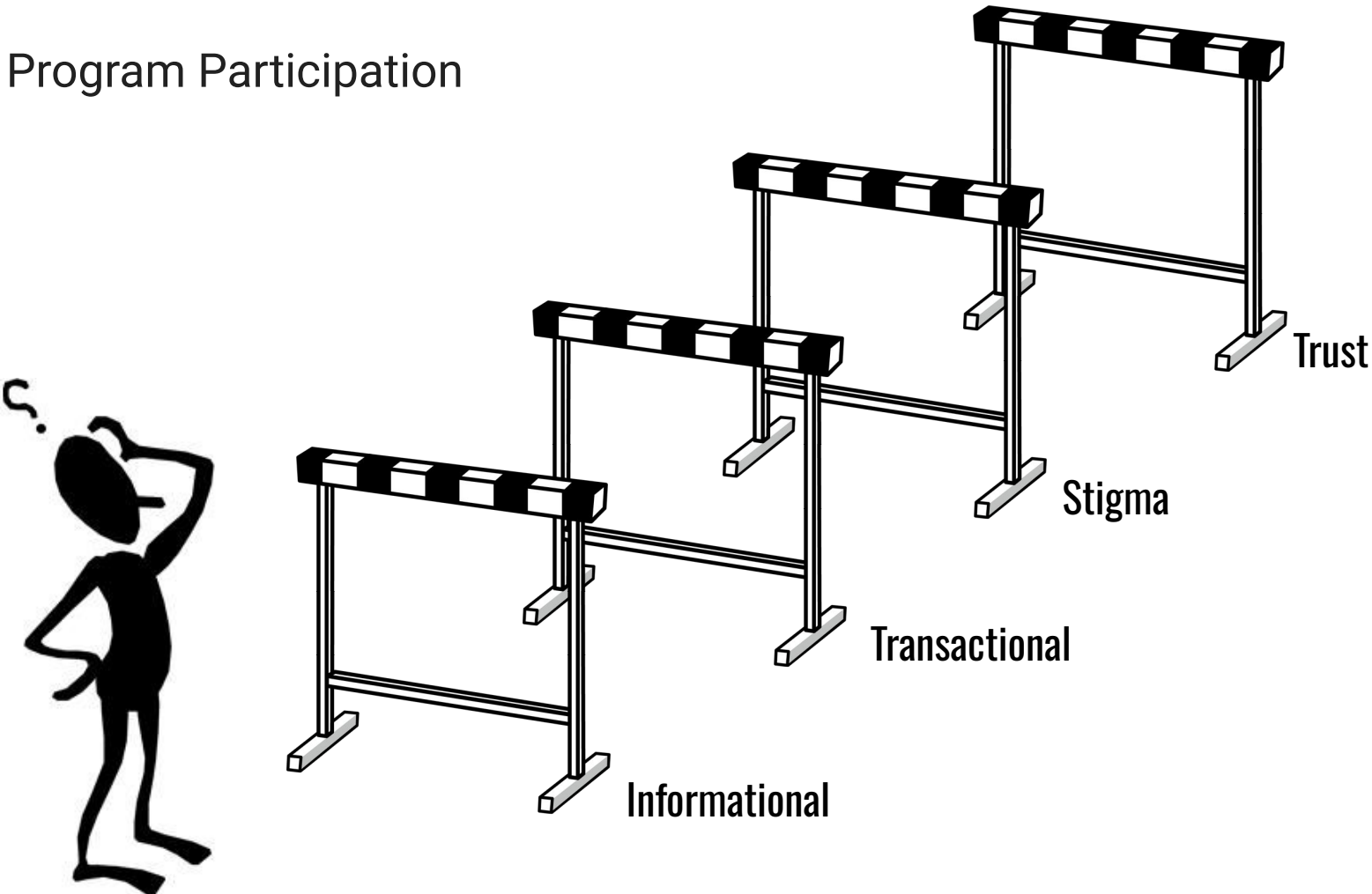
Evaluation, Data
& Reporting



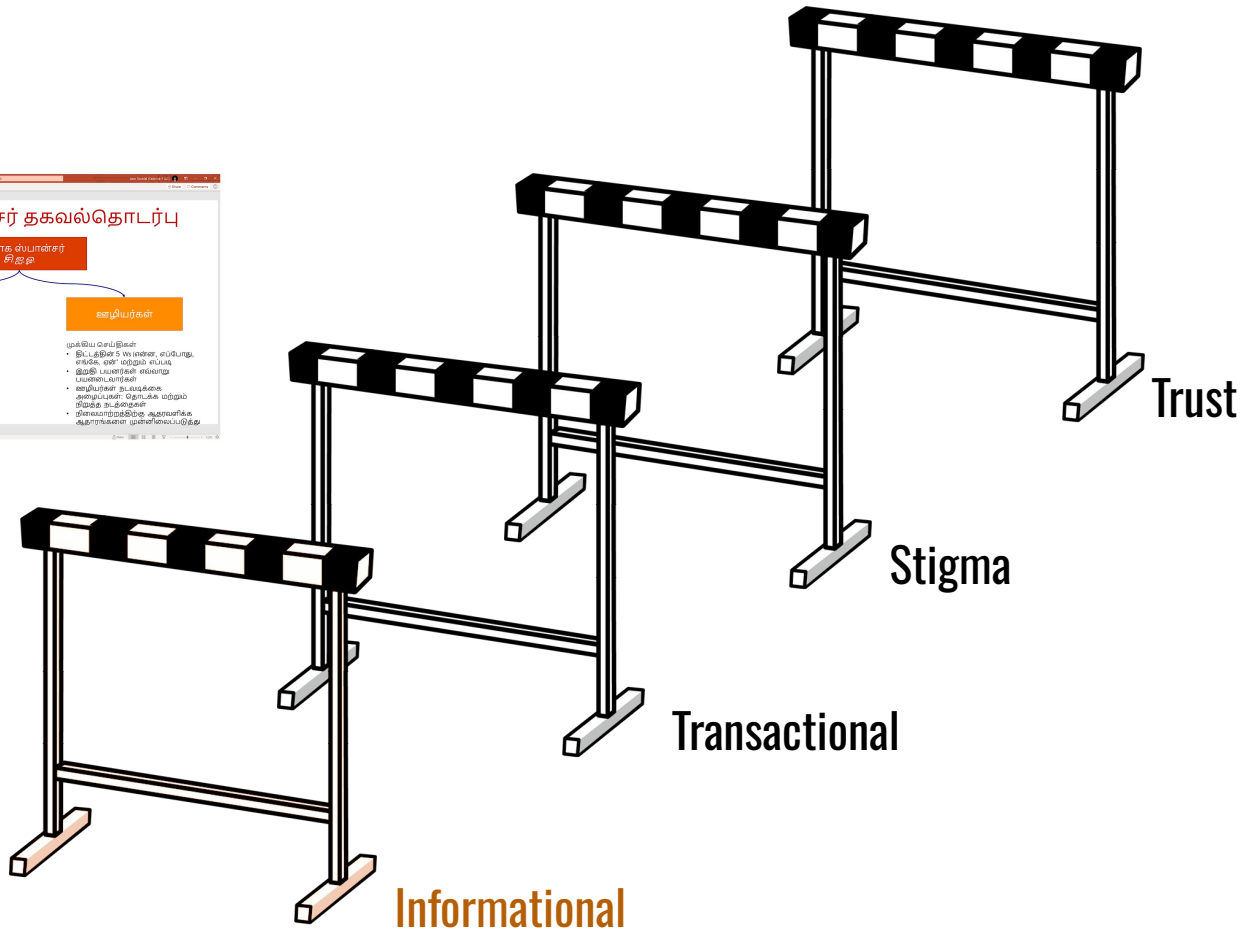
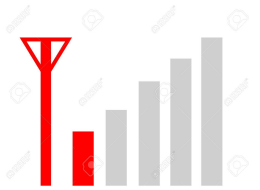
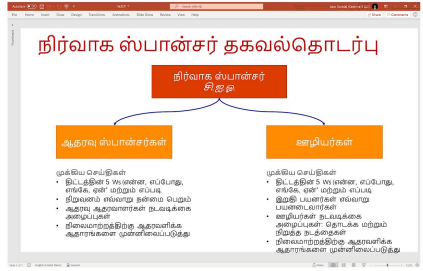
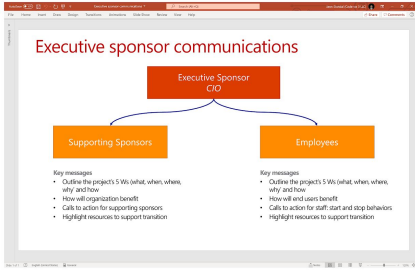
Energy assistance according to AI



Barriers to Program Participation



Informational Barriers



Transactional Barriers

ComEd Energy Efficiency Program

HVAC AND VSD INCENTIVES WORKSHEET

Access 1 through December 31, 2023

Maximum: Please see energy efficiency rules for more information regarding "Eligible" before entering bid and amounts. This bill is non-refundable, non-transferable and expires 12/31/23. See the full program requirements under Section 11 of the program paper(s). Download the most recent version of data. Contact Number: 877-873-8262 for more information.

General Specifications:

1. Pre-qualification for program requires review of customer on-line standard incentive application form. Mark the correct yellow boxes (below starting a new paper).
2. Building energy management measures are available in the energy management incentive area below.

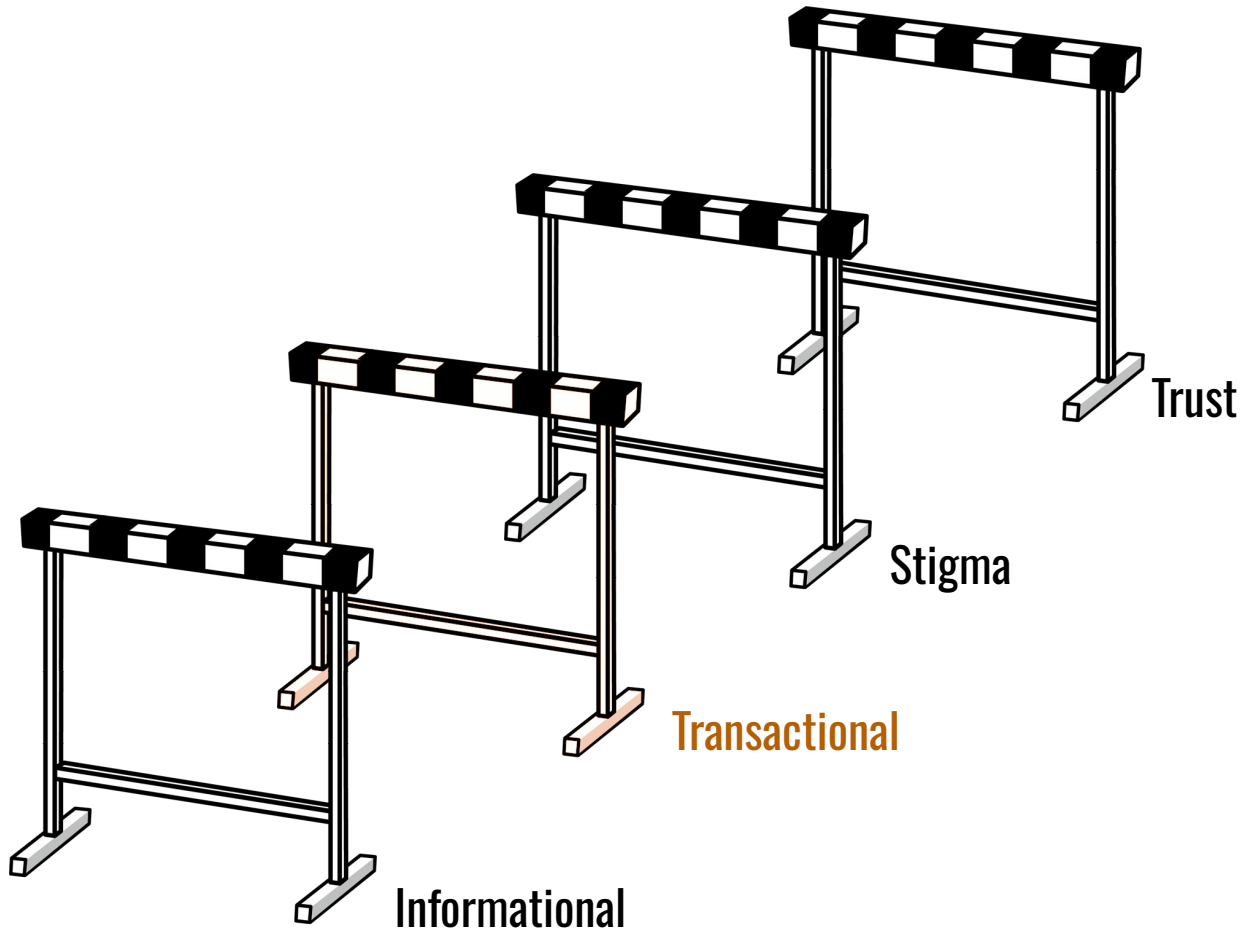
Details:

Installation and Eligible Equipment

1. This incentive is only applicable to equipment used for space cooling. These cooling systems are not eligible for this incentive but may be eligible for a separate incentive. Visit www.comed.com/energy for more information.
 - Will the proposed diffusers be used for space cooling only? Yes No
2. Have been a rated AHRI for the Integrated Part Load Ratio (IPLR) that is less than the qualifying efficiency?
3. If the cooling system is a Variable Air Volume (VAV) or VAV with the VAV controller and set based on full-load conditions.
4. Must qualify for either 2013 DOE Part A or B efficiency, but will qualify incentive based on qualifying efficiency level.
5. Will meet model energy with best index.
6. The AHRI test capacity value should be used to determine the dollar rate.
7. A manufacturer's specification sheet with the actual kW/ton (EER) and annual energy cost comparison" the equipment. The application must meet a minimum of 10% (10% EER) and 20% (20% kW/ton) based on AHRI Standard 210/210A-1 (EER) and 210/210A-2 (kW/ton) based on AHRI Standard 210/210A-1 (EER).
8. Standalone diffusers are not eligible for incentives.
 - Will the proposed diffusers be used as independent diffusers? Yes No
 - If independent diffusers are submitted to see how they fit into the project.

Customer Name: _____

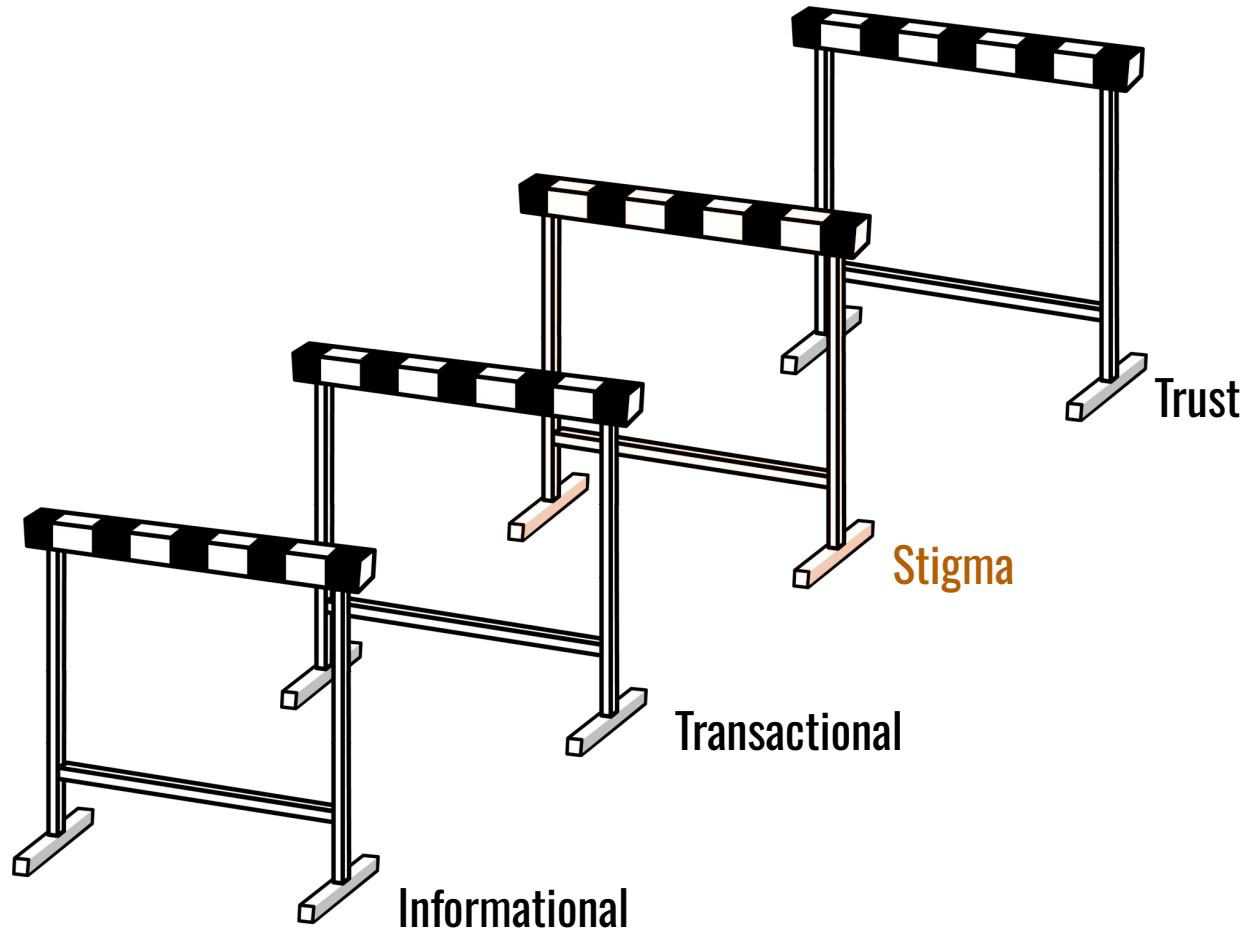
ComEd empowering data



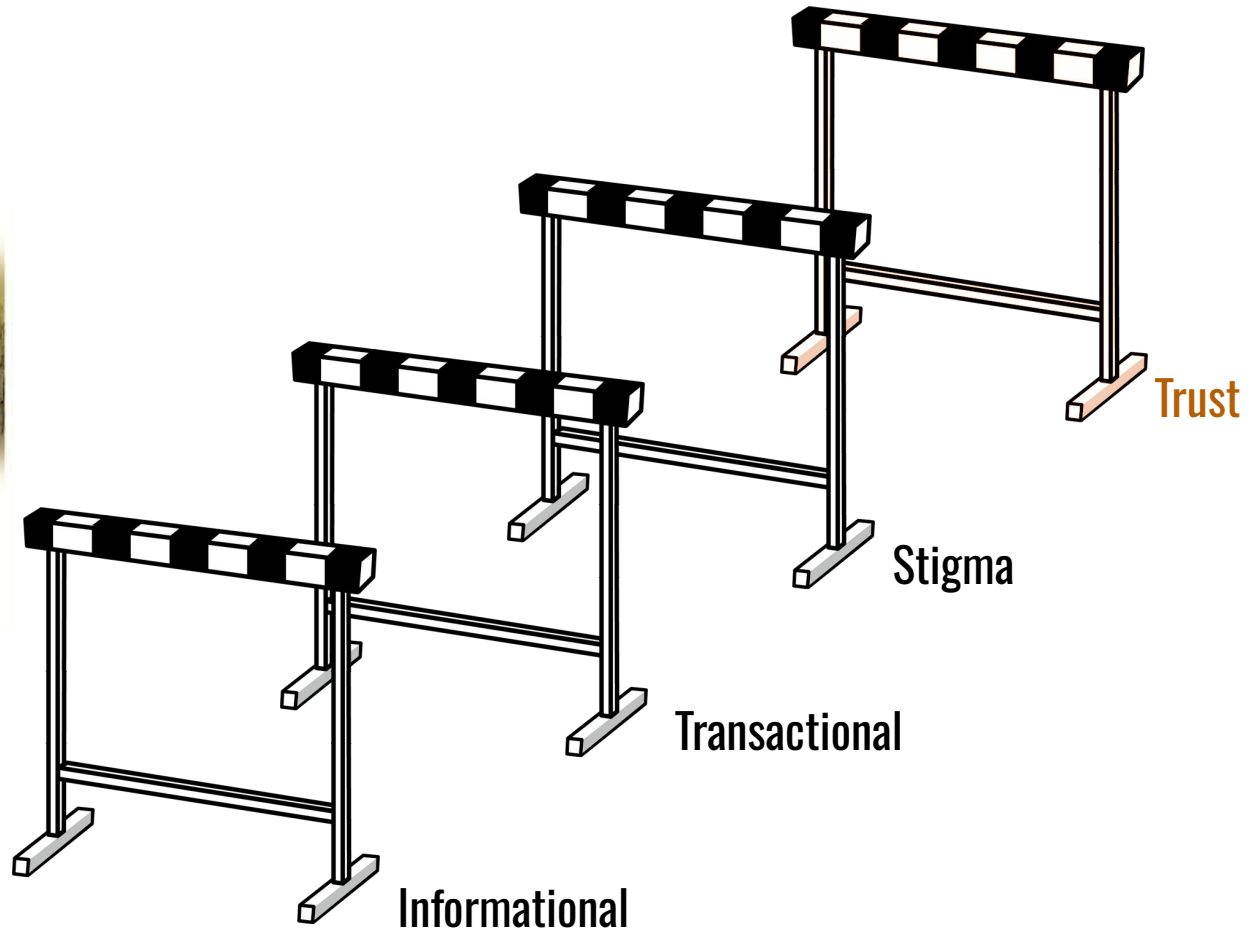
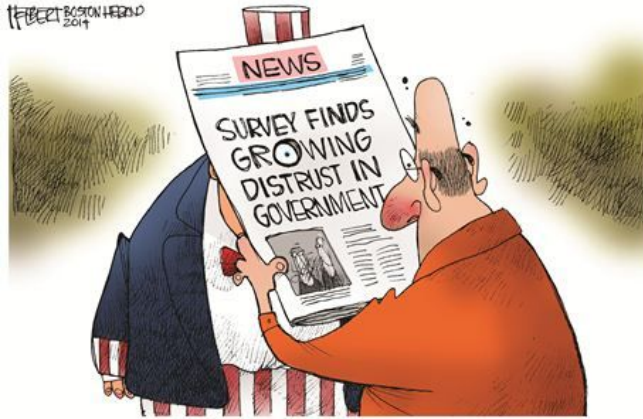
Georgia Rock Staffing		EARNINGS STATEMENT					
1234 Duluth Hwy Duluth, GA 30097							
EMPLOYEE NAME	SSN	EMPLOYEE ID	CHECK NO.	PAY PERIOD	PAY DATE		
Ehs C Whyte	XXX-XX-2695	96321456	503455	01/01/19-01/14/19	01/15/19		
INCOME	RATE	HOURS	CURRENT TOTAL	DEDUCTIONS	CURRENT TOTAL	YEAR-TO-DATE	
GROSS WAGES	18.50	77.50	1,433.75	FICA MED TAX	20.78	20.78	
				FICA SS TAX	88.89	88.89	
				FED TAX	147.05	147.05	
				GA ST TAX	73.40	73.40	
YTD GROSS	YTD DEDUCTIONS	YTD NET PAY	CURRENT TOTAL	CURRENT DEDUCTIONS	NET PAY		
1,433.75	330.12	1,103.63	1,433.75	330.12	1,103.63		

Stigma Barriers

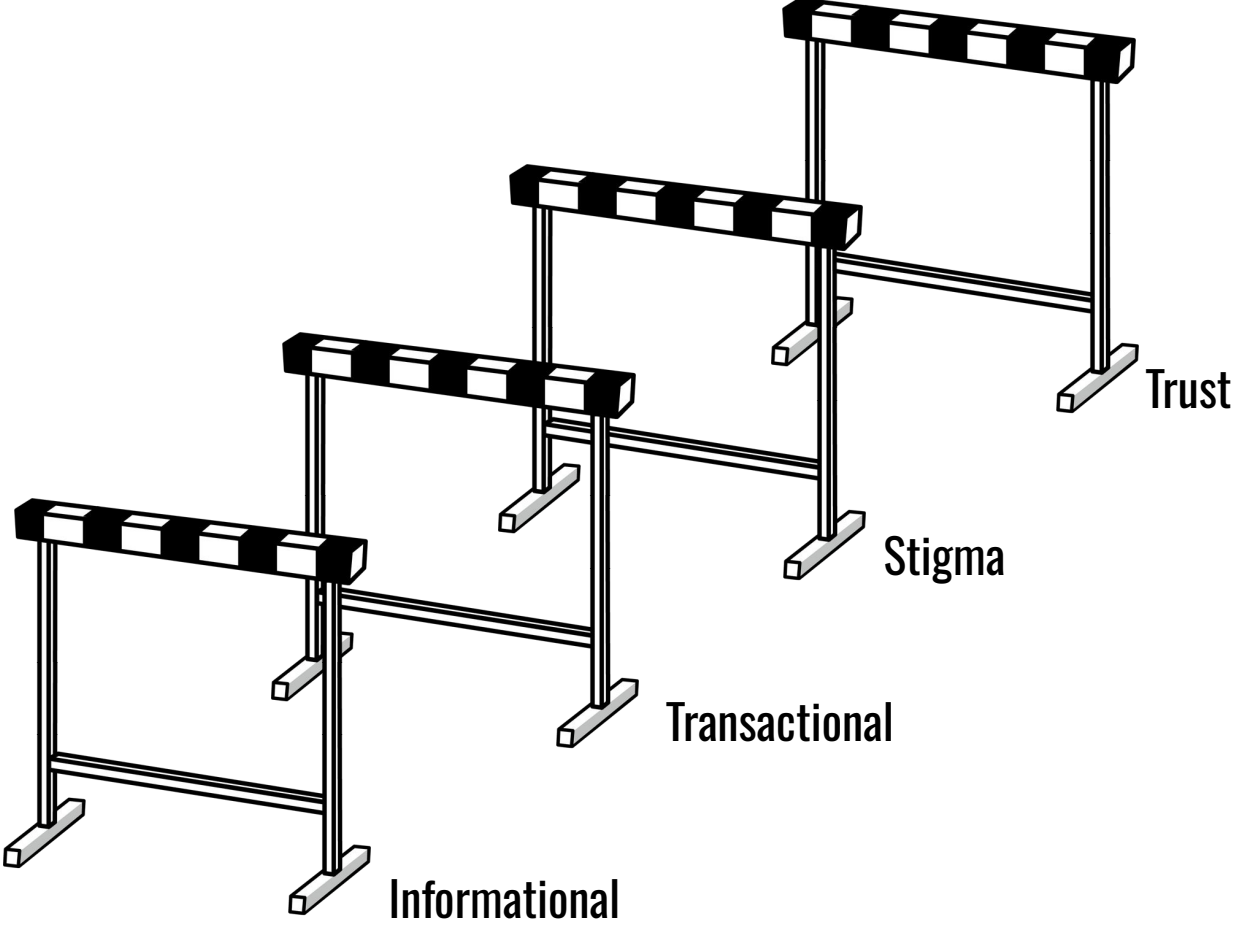
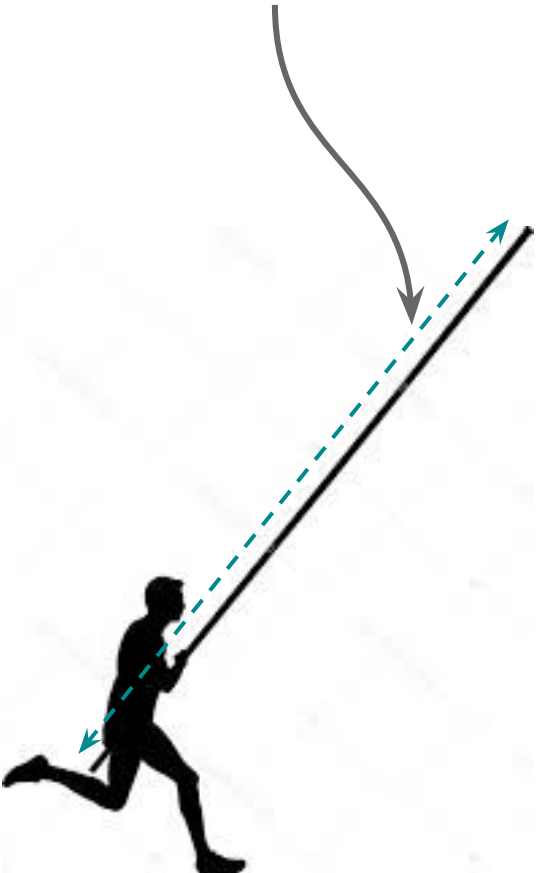
I AM NOT POOR
I AM PRE-RICH
\$\$\$



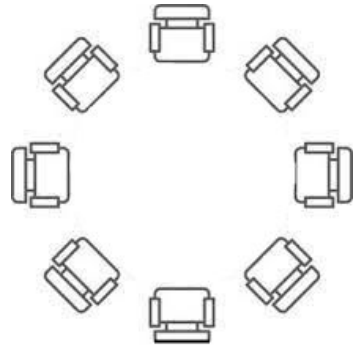
Trust Barriers



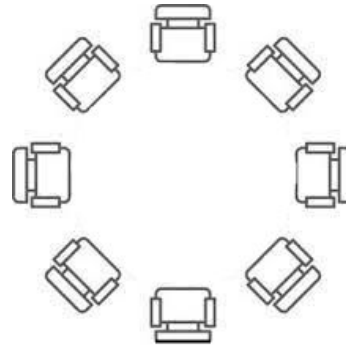
Benefit of Participation



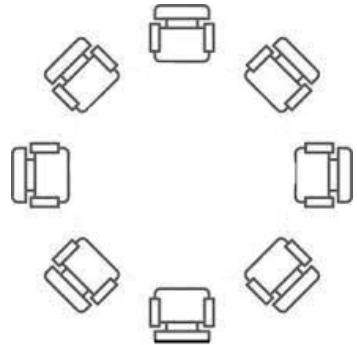
FRONT OF ROOM



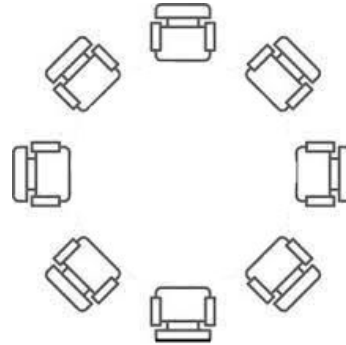
**Information
barriers**



**Transactional
barriers**



**Trust
barriers**



**Stigma
barriers**

-What are the main barriers of this type that you have experienced?

-What are things you have tried to reduce these barriers? Did they work?

Thank you!



Step 1: Use data to identify need

Step 2: Make funding available

Step 3: Remove barriers

Resistance to Participation

