

# Clean Energy Transformation Act

## Washington Equity Advisory Group Second EAG Meeting

June 16, 2021



# PacifiCorp Equity Advisory Group (EAG) Meeting #2

## June 16, 2021, 1pm-4pm Pacific Time

- RMI facilitators will change PacifiCorp, RMI, and Equity Advisory Group (EAG) participant names to First Name, Last Initial, PacifCorp/RMI/EAG.
- We recommend using “Gallery View” (icon in top right) when in group discussions.
- If you called in with your phone, merge your audio and video.
- For technical support, click on “Chat” (icon in tool bar at bottom), toggle to “Matt S, RMI” as the recipient, send your message.

### **EAG Members:**

- If you are able, please keep your camera on for as much of the meeting as possible (icon in bottom left), but stay muted unless speaking.
- Please use the chat at any time to engage in the conversation or ask questions.
- To raise your virtual hand to speak, click on "Reactions" in your tool bar, select “Raise Hand.”

### **Public Observers:**

- Thank you for joining us and observing this meeting.
- You can “Rename” yourself by clicking the “...” on your participant square.
- Please stay on mute with your camera off until the public participation period.
- Please use the chat for technical support by messaging “Matt S, RMI,” but please do not ask questions or respond to prompts in the chat until the public participation period.

## Since EAG Meeting #1, what has PacifiCorp and RMI done?

- Modified and shared updated definitions based on EAG feedback
- Posted and shared meeting notes
- Reviewed survey feedback and used it to plan for our future meetings
- Created and posted materials for this meeting
- Onboarded new EAG members
- Worked on our charter and will share it with the EAG before Meeting #3

# Meeting Objectives

- Welcome new EAG members and continue developing EAG relationships.
- Establish an understanding of highly-impacted communities and vulnerable populations.
- Explore EAG members' identification of vulnerable populations and the challenges that they face.

# Meeting Agenda

Time (Pacific)	Description
1:00 PM	Welcome; Meeting Overview; Opening Remarks
1:15 PM	EAG Member Introductions; Check-In
1:50 PM	PacifiCorp Presentation: Highly-Impacted Communities (HICs)
2:25 PM	Break
2:35 PM	EAG Breakout Discussions; Public Participation Discussion
3:00 PM	Report-Outs From Discussions
3:20 PM	EAG Discussion
3:50 PM	Next Steps

# Meeting Tips for Success

- **Be present.** Dedicate attention to the discussion.
- **Ask for clarity.** Don't hesitate to ask questions and gain clarity. We come to this work from different areas of expertise.
- **Practice democracy of time.** Make space for as many contributing voices as possible.

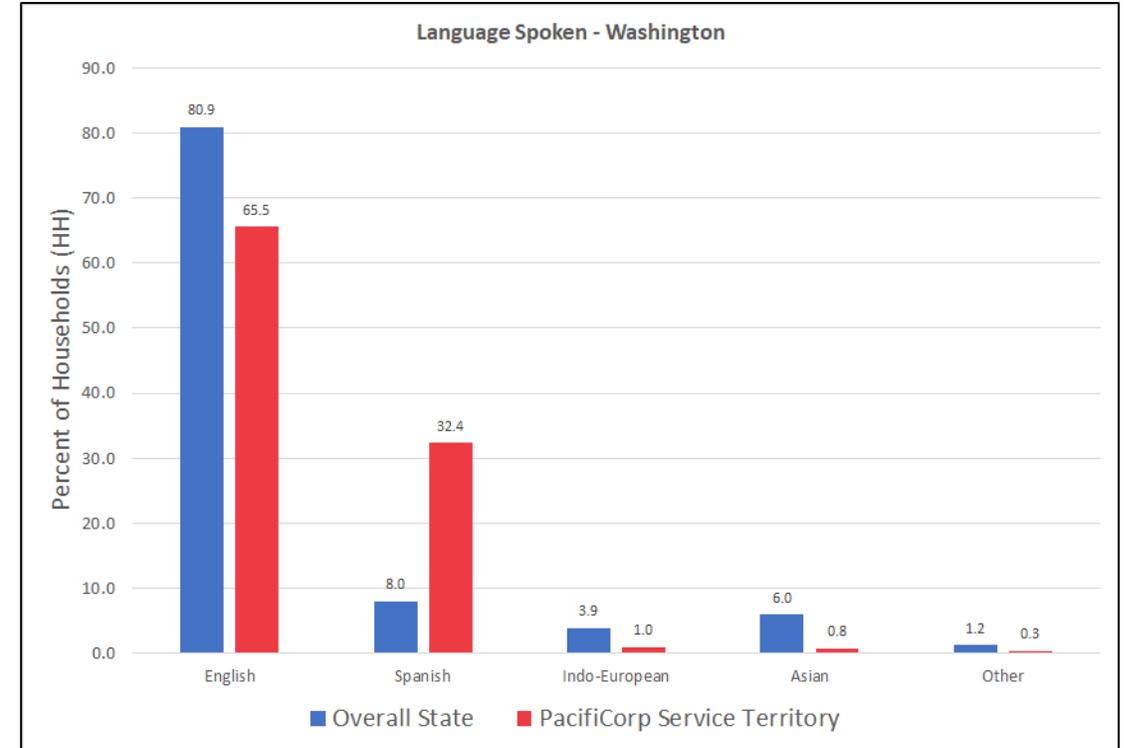
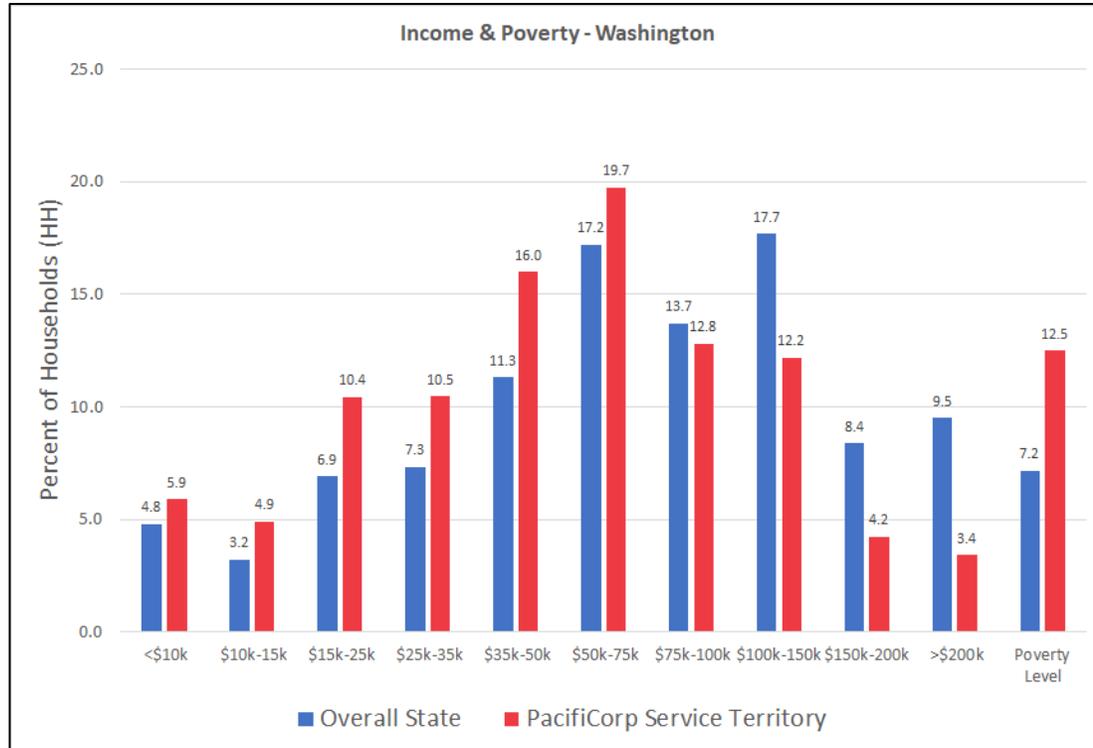
# PacifiCorp Presentation: Highly-impacted Communities (HICs) and Vulnerable Populations



# What is an HIC?

- Washington Department of Health (DOH) defines a Highly-Impacted Community (HIC) as a census tract that **meets at least one of the following two criteria:**
  - A census tract with an **Environmental Health Disparities ranking of a nine or ten** – as designated by the Washington DOH (based on 19 measures)
  - The census tract is **covered or partially covered by “Indian Country”** as defined and designated by statute (RCW 19.405.020)
- A census tract is an area within a county with populations generally between 1,200 and 8,000 people, with the ideal size of 4,000 people
- PacifiCorp’s territory is primarily located in Yakima and Walla Walla counties, but also covers or partially covers four census tracts within Garfield, Benton, Columbia and Kittitas counties
- In total, PacifiCorp’s Washington service territory includes 61 census tracts and approximately 137,000 customers

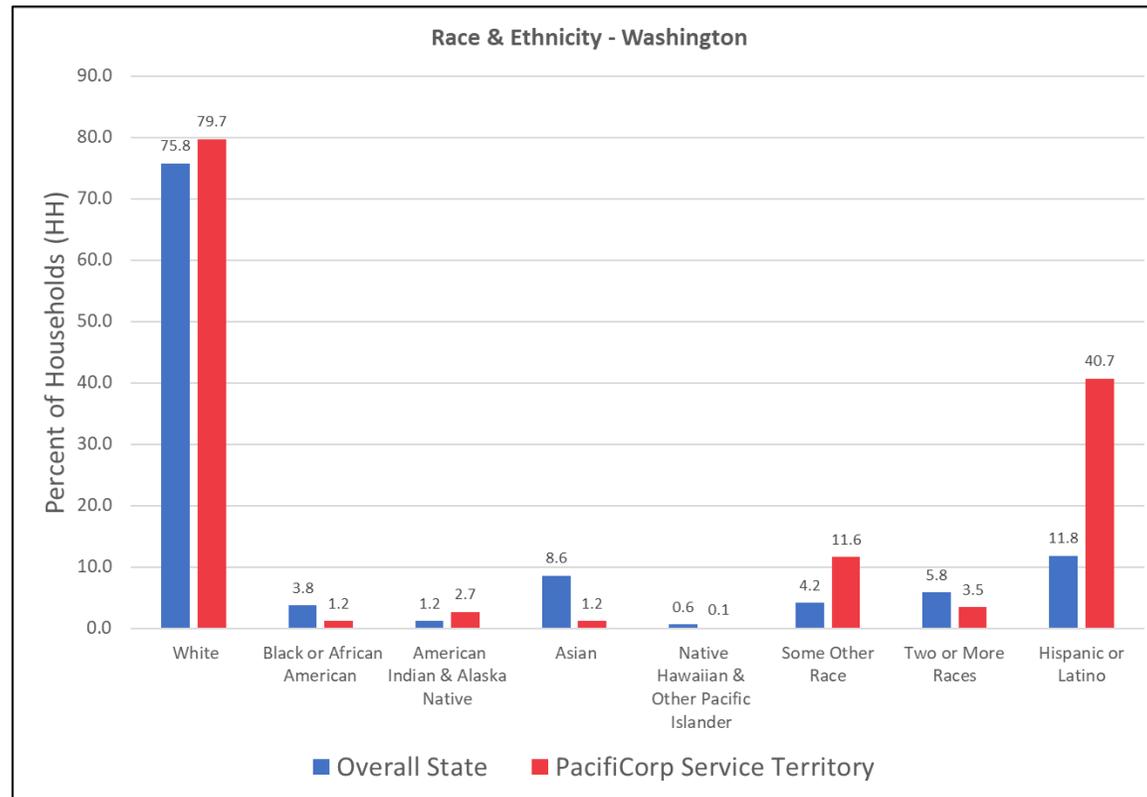
# PacifiCorp's Demographics: Income and Languages



Source: Census Bureau, 2019 American Community Survey, Table DP2 and Table DP3

- Relative to Washington statewide, income in PacifiCorp's Washington service territory is lower
- The proportion of households in poverty are higher within our service territory
- A higher proportion of households speak Spanish at home

# PacifiCorp's Demographics: Race and Ethnicity



Source: Census Bureau, 2019 American Community Survey, Table DP5

- Relative to Washington statewide, the proportion of population that is American Indian and Alaska Native, Some Other Race and Hispanic or Latino is higher than the statewide proportion of these same categories

# How are Highly-Impacted Communities and Vulnerable Populations Different?

- **Highly-impacted Communities:** A community designated with a score of 9 or 10 based on the DOH cumulative impact analyses or a census tract that is fully or partially on sovereign tribal territory. Scores are assigned based on several indicators that express: 1) environmental exposures, 2) environmental effects, 3) sensitive populations, and 4) socioeconomic factors. This information is available on the Washington Department of Health's Information by Location Environmental Health Disparities (EHD) map.
- **Vulnerable Populations:** Communities that experience a disproportionate cumulative risk from environmental burdens due to: (a) Adverse socioeconomic factors, including unemployment, high housing and transportation costs relative to income, linguistic isolation, and access to food, **education**, **technology**, **broadband**, health care, **capital and credit**; and (b) Sensitivity factors, such as **mental health**, low birth weight, and higher rates of hospitalization.

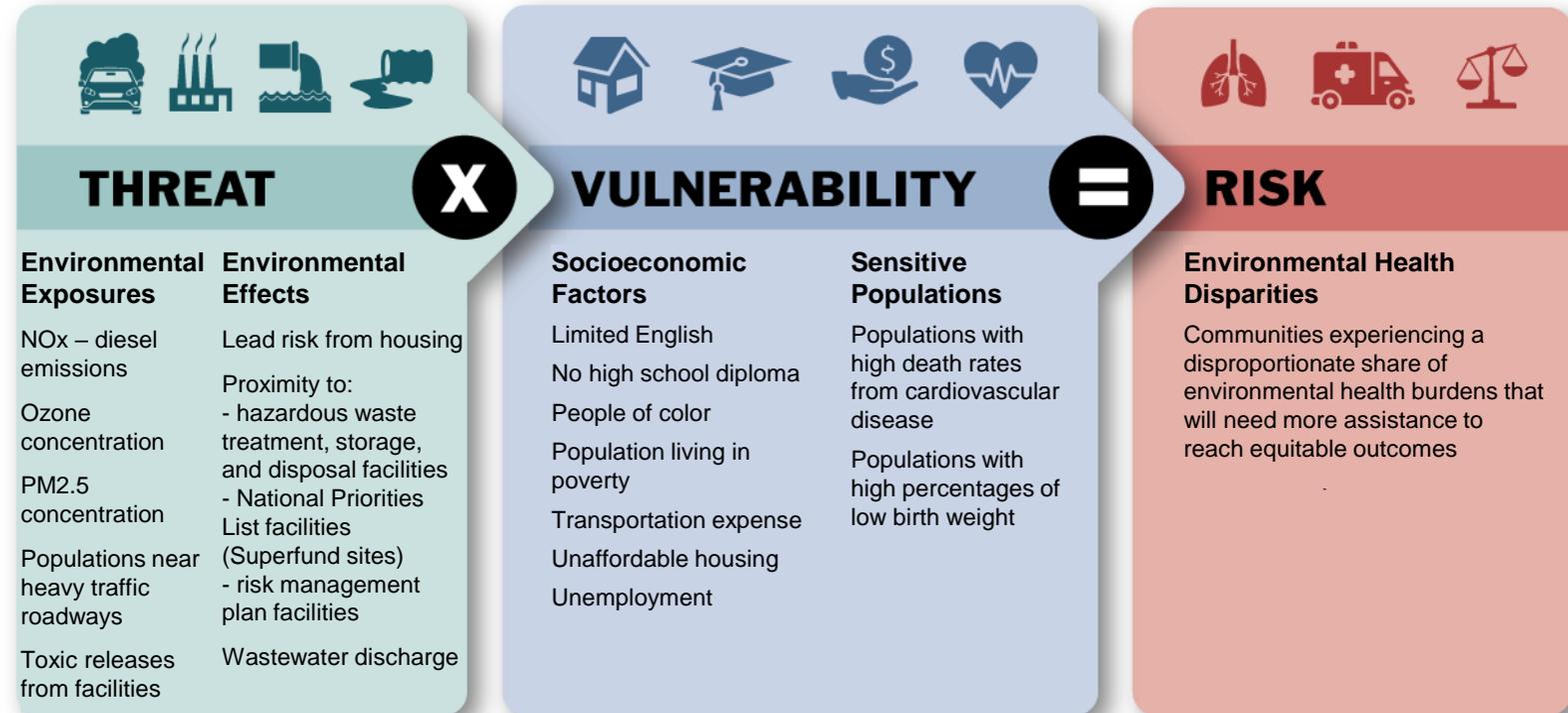
*Red text are modifications to definitions from EAG Meeting #1 discussion. Purple text are modifications from onboarding new members. We welcome more feedback and modifications on these terms and others.*

# How are HICs calculated?

- Environmental Health Disparities (EHD) scoring was developed through a collaborative effort between the University of Washington, Front and Centered, the Washington State Department of Health (DOH), the Washington State Department of Ecology, and Puget Sound Clean Air Agency
- Uses state and national data to determine a decile rank for each of the 19 indicators of community health
- The overall EHD scoring uses a 50% “threat” score combined with 50% “vulnerability” score for each census tract, based on the 19 variables. Each census tract is then ranked based on their composite score

Washington Environmental Health Disparities

$$\text{Threat} \times \text{Vulnerability} = \text{Risk}$$



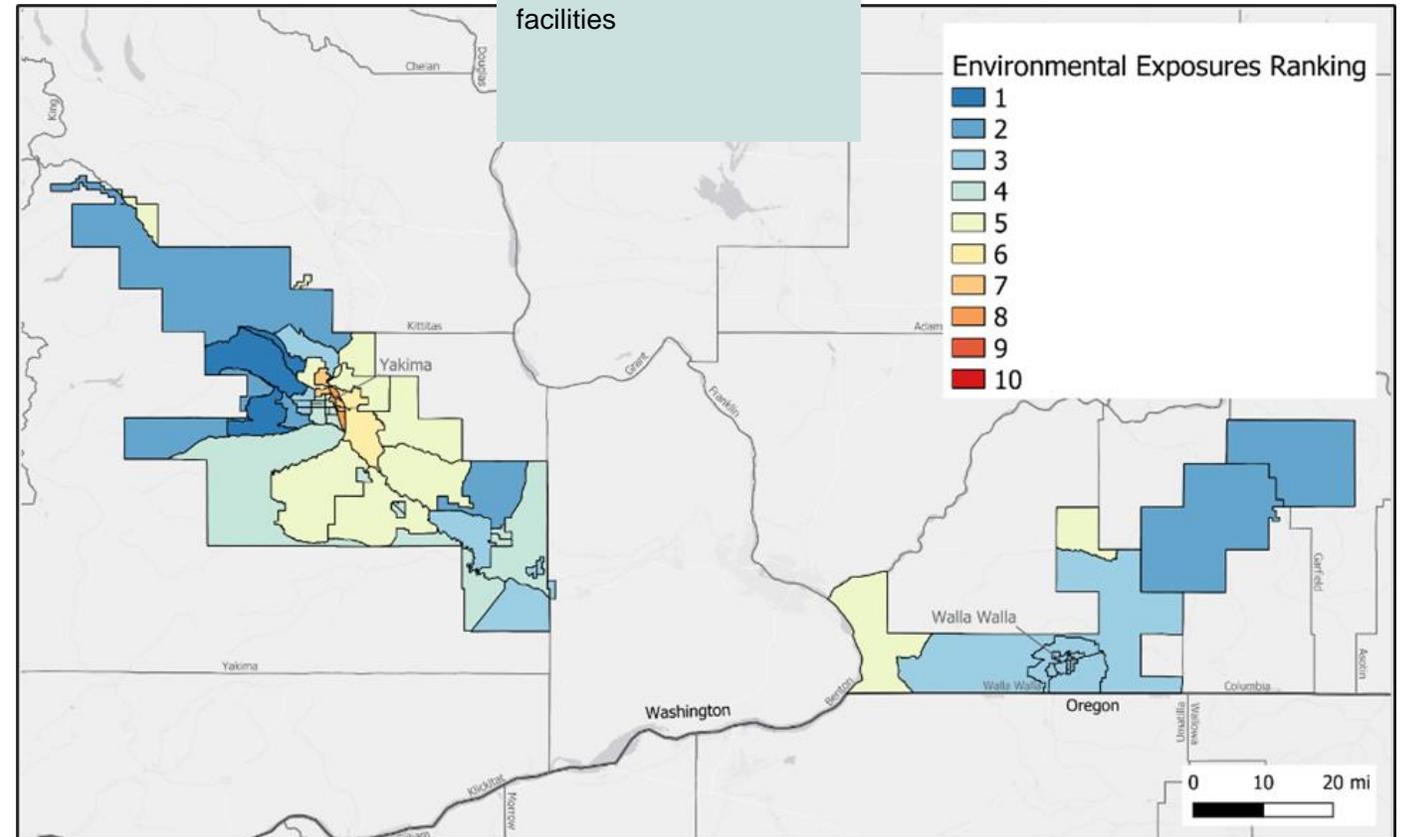
# Environmental Exposures Ranking

- No census tracts within the Yakima area or the Walla Walla area have Environmental Exposures ranking of 9 or greater
- Ranking considers diesel emissions, ozone concentrations, PM 2.5 concentration, population near heavy-traffic, and toxic releases

## Environmental Exposures

NOx – diesel emissions  
Ozone concentration  
PM2.5 concentration  
Populations near heavy traffic roadways  
Toxic releases from facilities

## THREAT



# Environmental Effects Ranking

- Within the Yakima area, 22 census tracts have Environmental Effects ranking of 9 or greater.
- The Walla Walla area includes no census tracts with an Environmental Effects ranking of 9 or greater.
- Proximity to hazardous waste treatment storage and disposal facilities, lead risk from housing, proximity to superfund sites, and proximity to Risk Management Plan facilities as leading factors in this category

## Environmental Effects

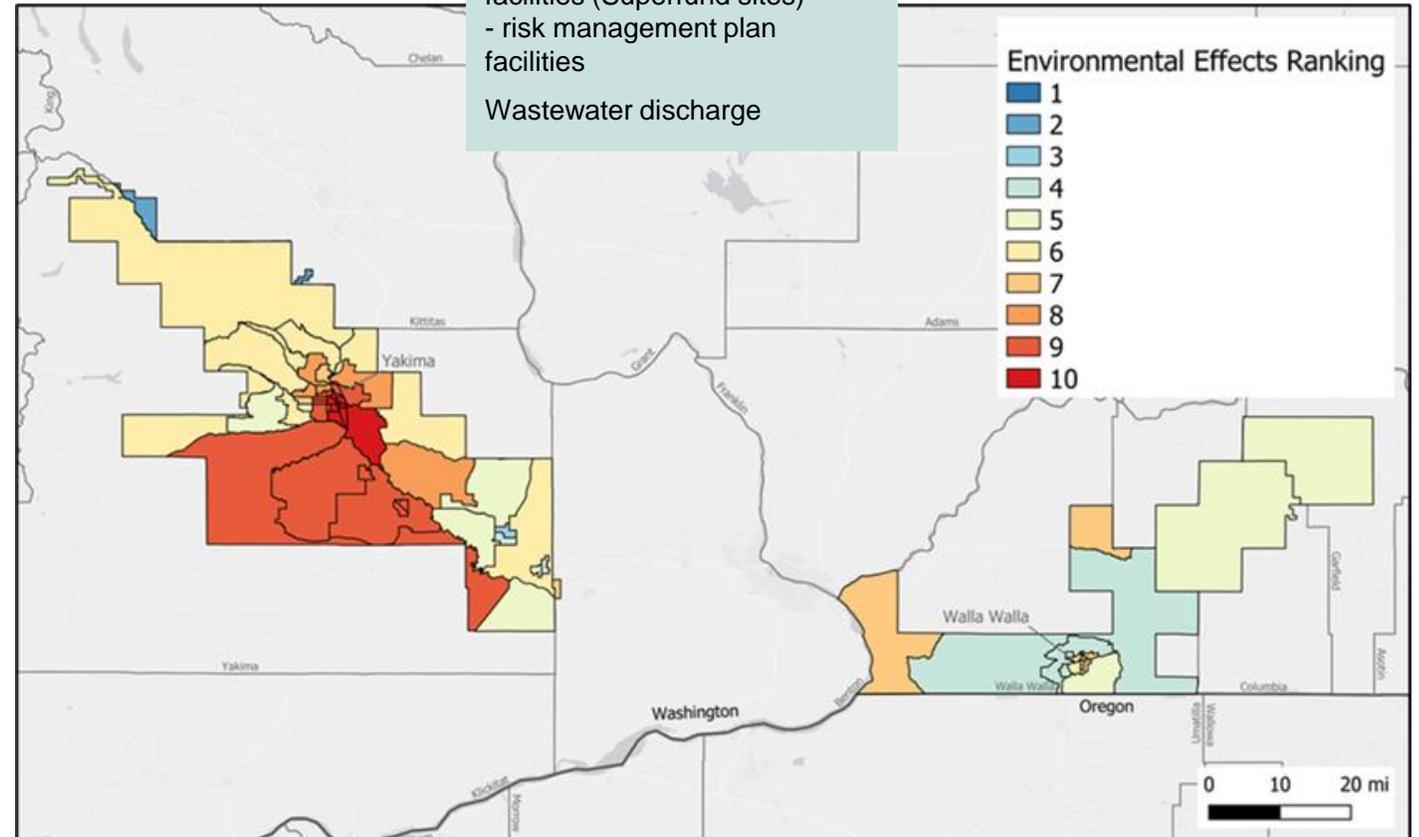
Lead risk from housing

Proximity to:

- hazardous waste treatment, storage, and disposal facilities
- National Priorities List facilities (Superfund sites)
- risk management plan facilities

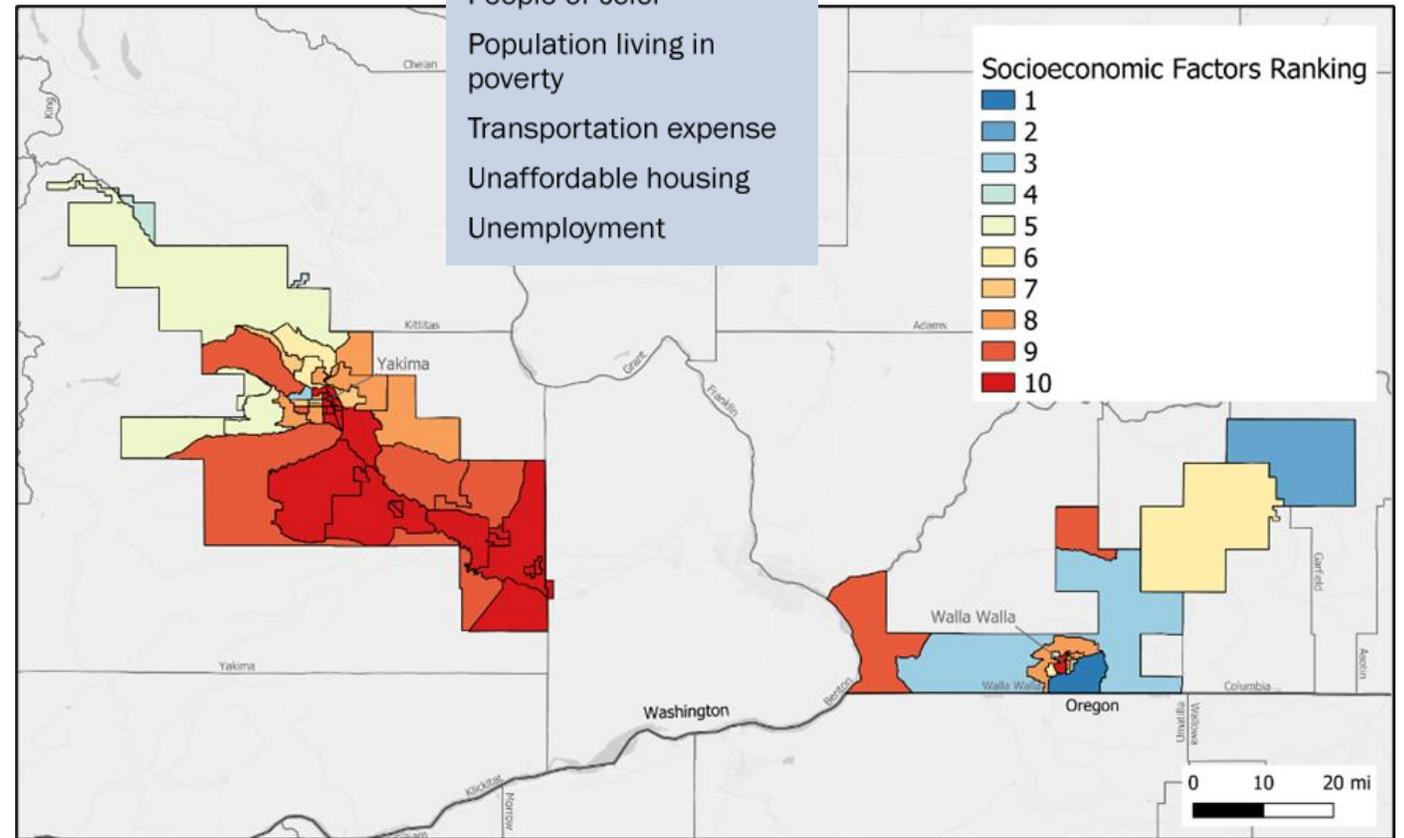
Wastewater discharge

## THREAT



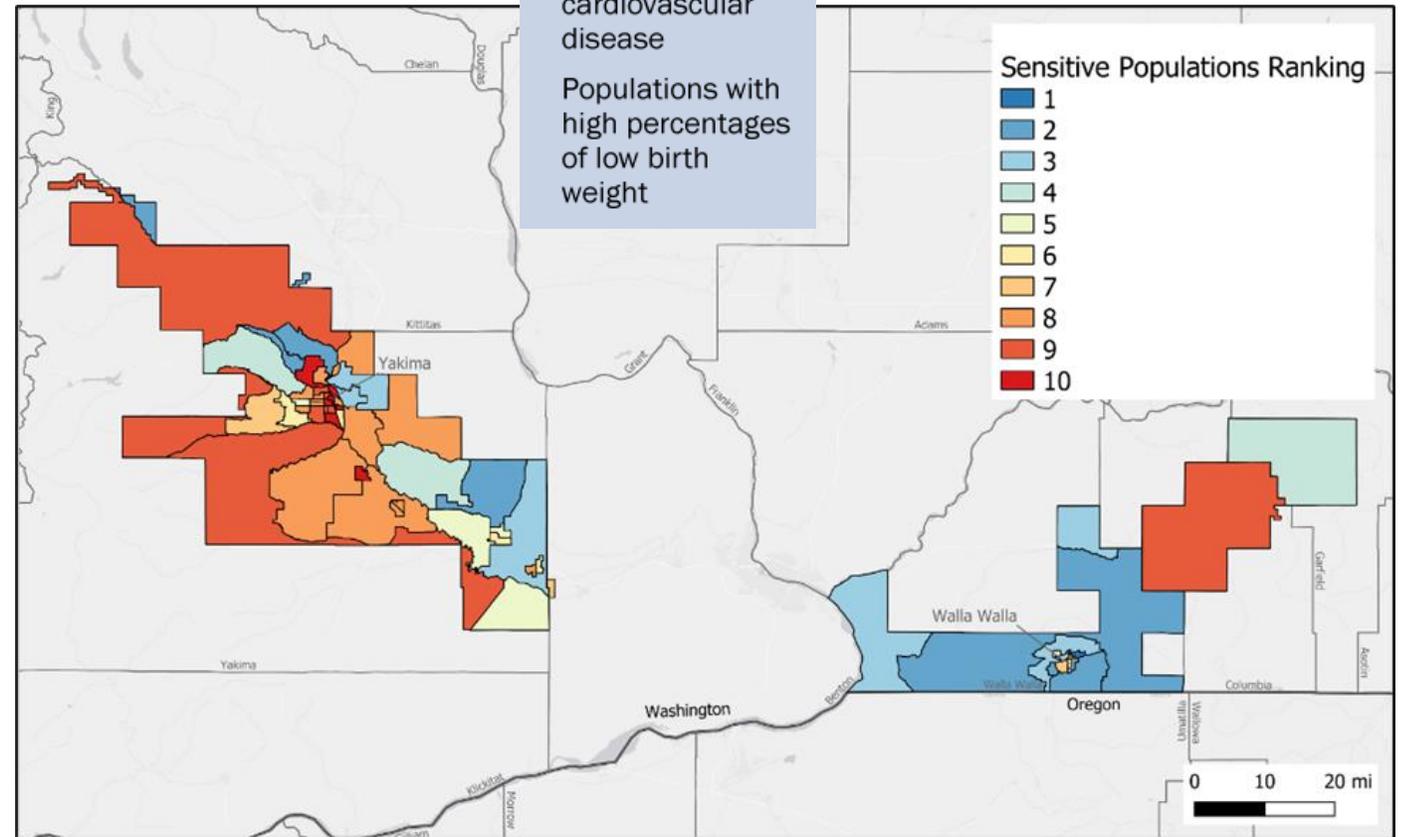
# Socioeconomic Factors Ranking

- Within the Yakima area, 30 census tracts have Socioeconomic Factors ranking of 9 or greater
- The Walla Walla area includes 3 census tracts with Socioeconomic Factors ranking of 9 or greater
- Major factors being the prevalence of people of color, population living in poverty, limited English proficiency, and high transportation expense



# *Sensitive Populations Ranking*

- Within the Yakima area, 14 census tracts have Sensitive Populations ranking of 9 or greater
- The Walla Walla area has 1 census tract with Sensitive Populations ranking of 9 or greater
- Major factor being death from cardiovascular disease

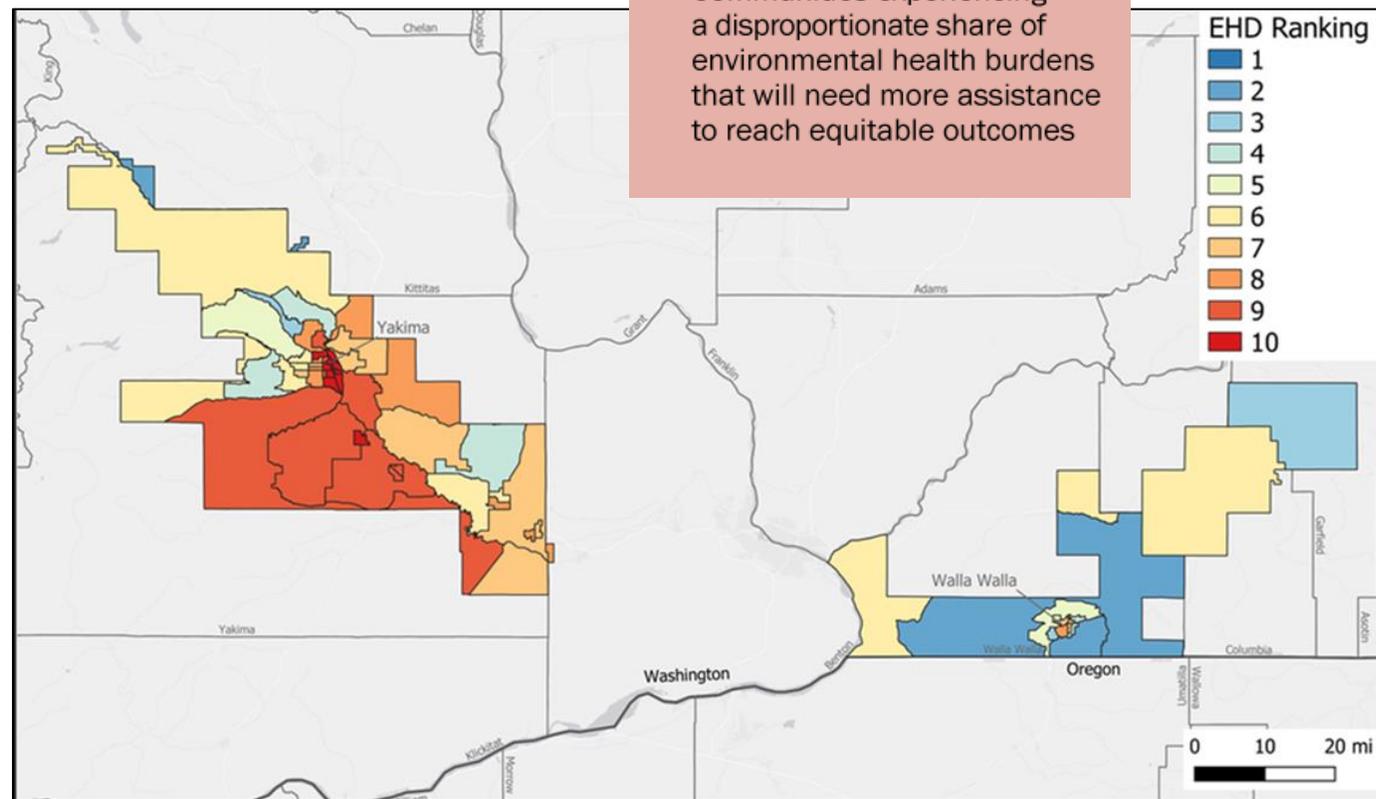


## *Environmental Health Disparities (Overall Ranking)*

- Within the Yakima area, 19 census tracts have an EHD ranking of 9 or greater
- The Walla Walla area includes no census tracts with an EHD ranking of 9 or greater
- Socioeconomic Factors and Environmental Effects are the leading factors in this category

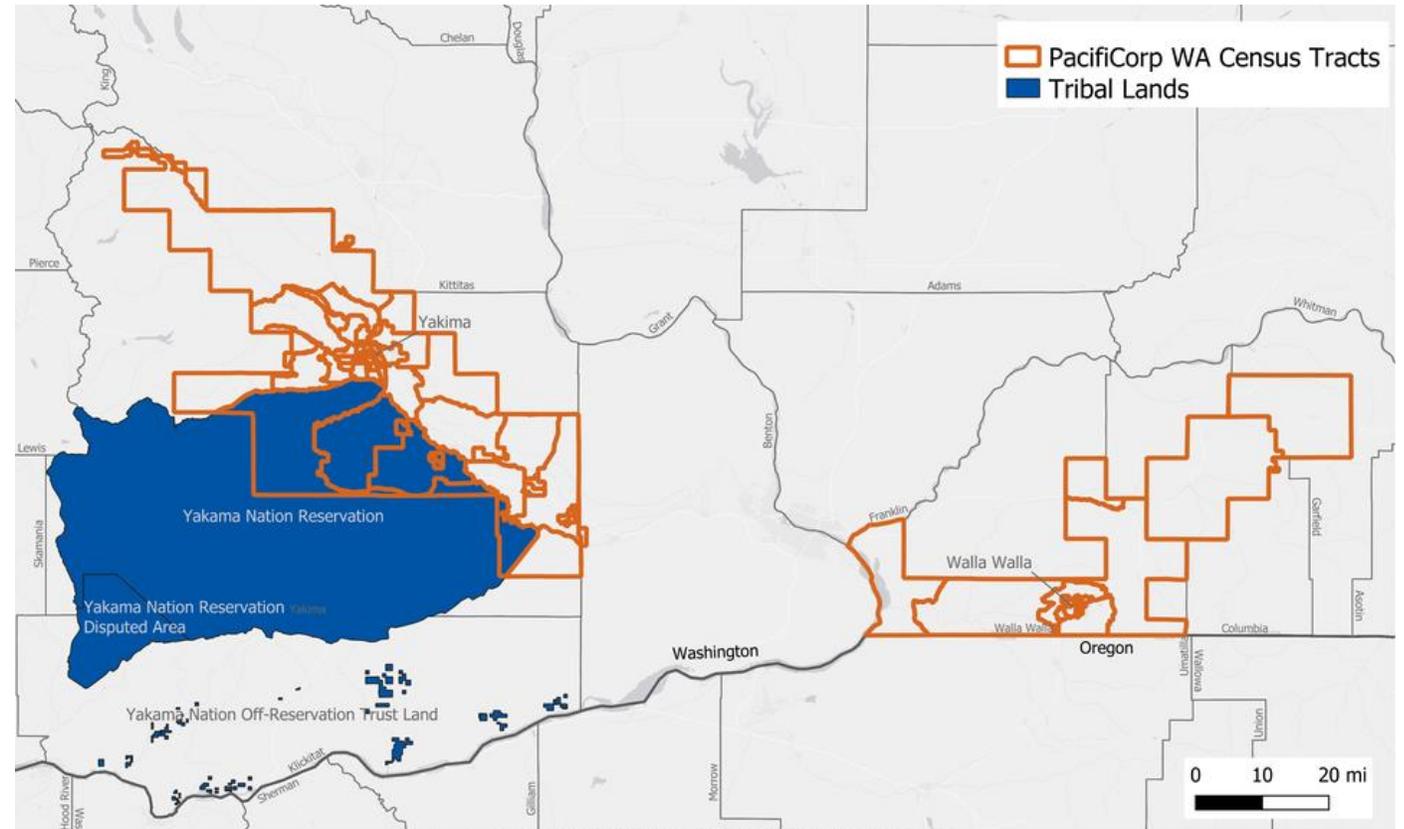
### **Environmental Health Disparities**

Communities experiencing a disproportionate share of environmental health burdens that will need more assistance to reach equitable outcomes



# Tribal Lands

- Within the Yakima area, 6 census tracts are located on Tribal Lands
- The Walla Walla area has no census tracts located on Tribal Lands



# Reminder: What are Vulnerable Populations?

Communities that experience a disproportionate cumulative risk from environmental burdens due to:

- Adverse socioeconomic factors, including unemployment, high housing and transportation costs relative to income, linguistic isolation, and access to food, **education**, **technology**, **broadband**, health care, **capital and credit**;
- Sensitivity factors, such as **mental health**, low birth weight, and higher rates of hospitalization

The designation of vulnerable populations is more open to interpretation and self-identification than the DOH defined HICs.

- In other words – we need your input to help us identify vulnerable segments of your community
  - We will start to do this today during our breakout groups!

# EAG Discussion



# Customer Benefit Indicators – Initial Development

- Each Clean Energy Action Plan must include proposed or updated customer benefit indicators, which must be developed consistent with the advisory group process and public participation plan (WAC 480-100-640)
- The development of a CBI has four distinct components
  - Community – Identified customer segment
  - Challenge – How is the customer segment affected
  - Actions – PacifiCorp planning
  - Benefits – Outcomes that improve lives
- CBI Example – Reduce Energy Burden
  - A vulnerable population is challenged with high energy expenditures. PacifiCorp could better leverage a program to reduce this burden and improve lives for this vulnerable population

Community (HIC, VP or All)	Challenge	Possible Actions	Benefit (CBI)
HIC and VP	High energy costs	Low-income bill assistance	Reduce energy burden

# Closing: Looking Ahead and Next Steps



# Looking Ahead

Meeting Date	Anticipated Topics (subject to change)
1. May 13	<b>Background and introduction</b> <ol style="list-style-type: none"><li>1. Provide background on PacifiCorp and the Clean Energy Transformation Act (CETA)</li><li>2. Share EAG member perspectives, backgrounds, and experiences</li></ol>
2. June 16	<b>Perspectives on highly-impacted communities (HICs) and vulnerable populations</b> <ol style="list-style-type: none"><li>1. Review HICs and vulnerable populations</li><li>2. Explore potential benefits, burdens, and opportunities of clean energy for HICs and vulnerable populations</li></ol>
3. July 21	<b>Creating customer benefit indicators (CBIs)</b> <ol style="list-style-type: none"><li>1. Presentation on PacifiCorp's Clean Energy Implementation Plan (CEIP), existing customer programs, and the role of customer benefit indicators (CBIs) for tracking progress on equity</li><li>2. Discuss how CBIs could align with challenges for HICs and vulnerable populations</li><li>3. Brainstorm potential CBIs</li></ol>
4. Aug 18	<b>Measuring progress with CBIs</b> <ol style="list-style-type: none"><li>1. Explore methods of measuring CBIs and consider constraints</li><li>2. Review draft CBIs with a focus on metrics</li><li>3. Discuss how metrics could map to progress in the long run</li></ol>
5. Sept 15	<b>Make recommendations on the Clean Energy Implementation Plan (CEIP) and finalize CBIs</b> <ol style="list-style-type: none"><li>1. Review the draft CEIP and offer recommendations for modifications</li><li>2. Finalize proposal for CBIs and discuss prioritization of CBIs</li></ol>
6. Oct 20	<b>Final input into the CEIP filing</b> <ol style="list-style-type: none"><li>1. Share community input on the CEIP</li><li>2. Refine recommendations for the CEIP filing based on community input</li></ol>
7. Dec 15	<b>EAG next steps</b> <ol style="list-style-type: none"><li>1. Reflect on EAG process in 2021</li><li>2. Decide on next steps for the EAG in 2022</li></ol>

*Dates and content may shift based on EAG input and actual meeting execution.*

# Next Steps

- **Survey.** Please take a few minutes to complete the survey or send feedback directly to [CEIP@pacificorp.com](mailto:CEIP@pacificorp.com).
- **Materials.** Notes from this meeting will be shared and posted to the website in the next week. We will share and post EAG Meeting #3 materials in advance of the **next meeting on July 21, 1-4 pm Pacific Time.**
- **Homework.** If you have time to share the information we discussed today with your community, please do! And please share any additional ideas that you gather from them with us.