

A map of Los Angeles with a purple shaded area covering most of the city. Three black icons of oil pumpjacks are placed within the shaded area. The text "Los Angeles" is written in black above the shaded area.

Los Angeles

BREAST CANCER IN LOS ANGELES AND PREVENTION WITH PROMOTORAS

Venezia Ramirez



Environmental Health Centers

Breast Health and the Environment among Latinas in Los Angeles



Oil Drilling Sites in Los Angeles

1,070 sites in 70 communities

South Los Angeles

Wilmington

Beverly Hills

759 active wells near homes, schools,
churches and hospitals

1 in 3 residents live within 1 mile of an oil
drilling site



**Inglewood drilling site in Culver City, Los Angeles
The largest operating urban oil field in the U.S.**

To find out if there is an oil well near you visit: Well Finder DOGGR GIS
<https://maps.conservation.ca.gov/doggr/wellfinder/#openModal/-118.94276/37.10257/6>

HEALTH EQUITY STRUCTURAL INTERVENTIONS

**Increase
accessibility to
medical services**

Connect community members to resources and help schedule appointments at clinics

**Empower dialogue
with medical
providers**

Increase environmental health literacy on environmental impacts on breast health

**Identify public
health priorities**

Engage with community members to understand services needed to close health inequity gaps



**BREAST CANCER
IS THE MOST
COMMON
CANCER AMONG
WOMEN
WORLDWIDE**

15%

**OF ALL CANCER DEATHS AMONG
WOMEN IN THE WORLD ARE
FROM BREAST CANCER**

1/8

**WOMEN DEVELOP BREAST
CANCER IN THE U.S.**

99%

**SURVIVAL RATE
MOST CASES ARE DIAGNOSED
AT A LOCALIZED STAGE**



CANCER IN LOS ANGELES COUNTY: *Female Breast Cancer* 2000-2017

Los Angeles Cancer Surveillance Program
USC/Norris Comprehensive Center
The Keck School of Medicine of the University of Southern California



- Low-income women and women of color have a **higher risk of death**
 - tend to be **diagnosed in the later stages**
- **Risk increases with longer duration** in the US
 - US-born Latinas have **2 times higher risk** than Latinas from other countries

California Health Maps is an interactive mapping tool of health data for geographies beyond the county level in California. You can map cancer incidence for 12 of the most common invasive cancer sites and filter by sex, race, and ethnicity. [Visit Learn](#) to review methodology, data sources, and more.

Cancer Incidence ⓘ

Download ▾

Print Page

Select Area Type

County ▾

Location Search

34.28671,-117.89521 🔍

Date Range

10-Year: 2012-2021 ▾

Cancer Site/Type ⓘ

Female Breast Cancer ▾

Sex ⓘ

Female ▾

Race and Ethnicity ⓘ

All Races and Ethnicities ▾



National ▾

2010 ▾

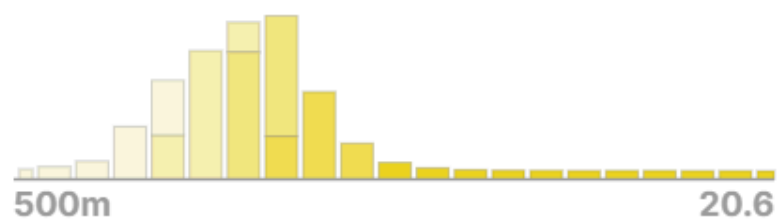
Census Tracts ▾



Extremely low income households

AVG 14.4%

Percent of households making less than 30% of the HUD Area Median Family Income
HUD Comprehensive Housing Affordability Strategy Data, 2015-2019

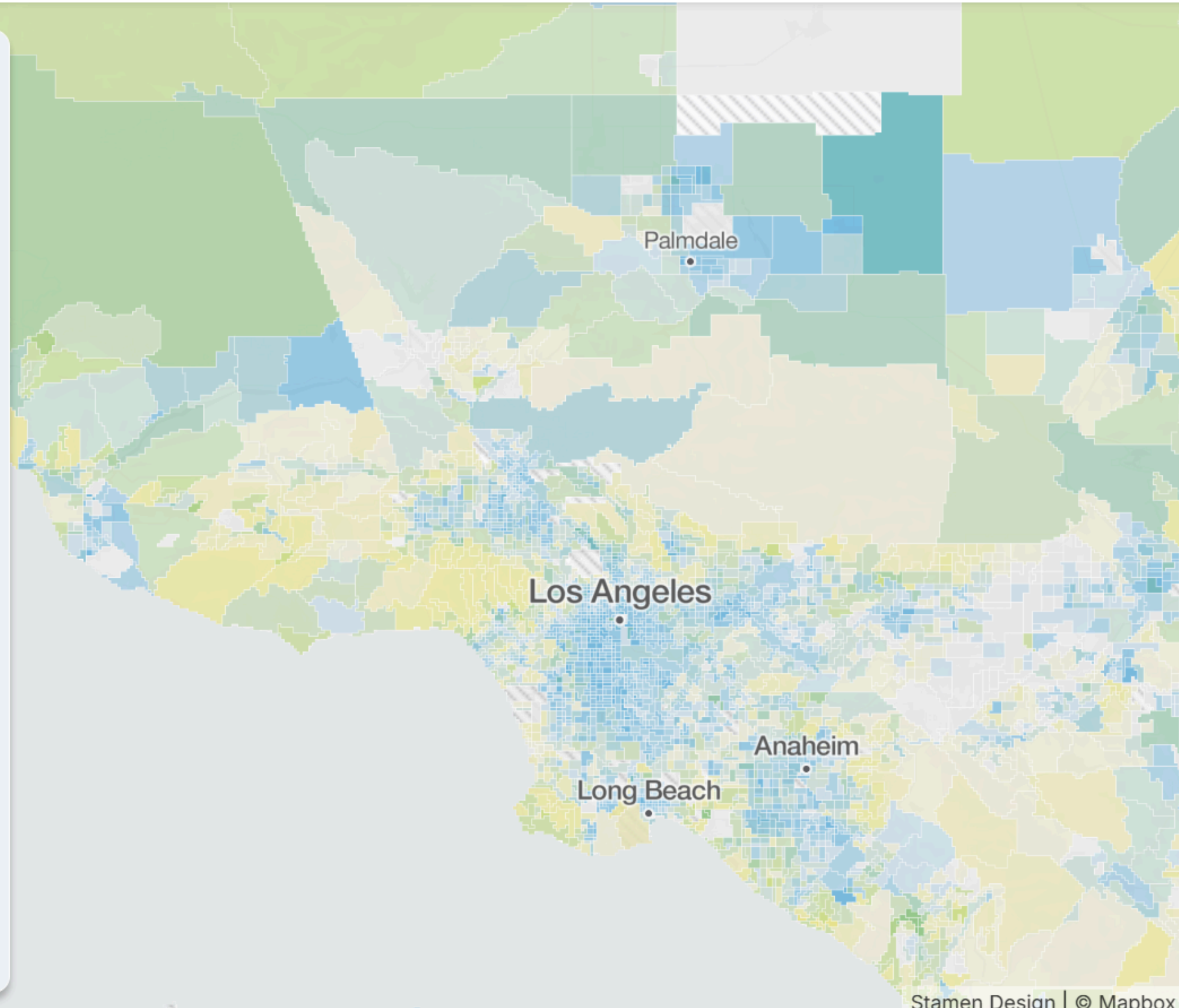


All Cancers excluding skin

AVG 6.29 ⓘ

Cancer (excluding skin cancer) among adults 18 and older
PLACES Project, Centers for Disease Control and Prevention, 2023

📍 Cancer



Barriers to Care



Lack of awareness



Not having health insurance



Fear of diagnosis or lack of acceptance of the diagnosis



Bad experiences with the doctor



The belief that "faith in God can protect you"



Differences in language and culture

Training



Research Ethics Training

- Biomedical Human Subjects
- GCP – Social and Behavioral Research Best Practices for Clinical Research
- Research HIPAA



Sample Collection and Physiological Measurements

- sample collection for biomonitoring of environmental exposures, physiological measurements, and survey administration.

Environmental Health Literacy

- oil extraction
- breast health
- toxic chemicals



Surveys

D. Health Symptoms

In the last TWO weeks, have you had wheezing or whistling in the chest?	<input type="radio"/> Yes <input type="radio"/> No If yes, answer below
In the last TWO weeks, how often has your sleep been disturbed due to wheezing? <input type="radio"/> Never <input type="radio"/> Once or Twice <input type="radio"/> Several times per week <input type="radio"/> Every day	
In the last TWO weeks, has wheezing ever been severe enough to limit your speech to only one or two words at a time between breaths?	<input type="radio"/> Yes <input type="radio"/> No
In the last TWO weeks, has your chest sounded wheezy during or after exercise?	<input type="radio"/> Yes <input type="radio"/> No
In the last TWO weeks, have you had pneumonia or bronchitis?	<input type="radio"/> Yes <input type="radio"/> No
In the last TWO weeks, in the morning, have you coughed every day in a row?	<input type="radio"/> Yes <input type="radio"/> No
In the past TWO weeks, have you had a cold or flu?	<input type="radio"/> Yes <input type="radio"/> No
In the past TWO weeks, have you had a problem with sneezing or <u>runny</u> nose?	<input type="radio"/> Yes <input type="radio"/> No
In the last TWO weeks, did you use any medication for asthma or wheezing? <i>If yes, how many times? _____</i>	<input type="radio"/> Yes <input type="radio"/> No

G. Concerns in Neighborhood

Please indicate what level of concern the following items are to you and your family, and your community.

	No concern	Low concern	Somewhat of a concern	High Concern	Very High Concern
Oil and gas drilling	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Trucks	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Soil contamination	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Outdoor odors	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Warehouses	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Pesticides	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Cleaning / consumer products	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Industrial chemicals	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Extreme heat	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

PRELIMINARY RESULTS

408 Participantes

98% of surveys conducted in Spanish

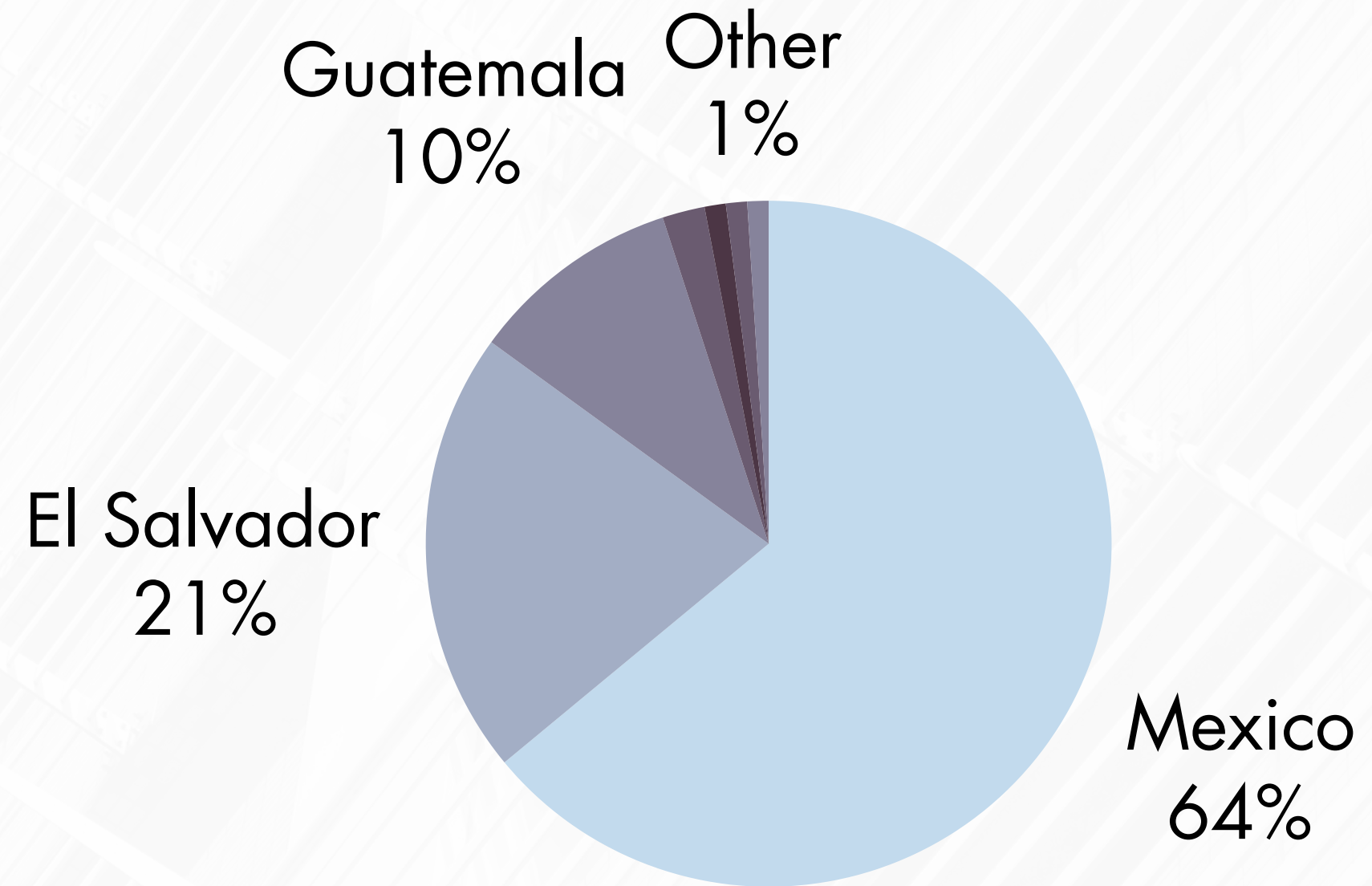
34% without health insurance

50% currently employed

68% have not exceeded 8th grade

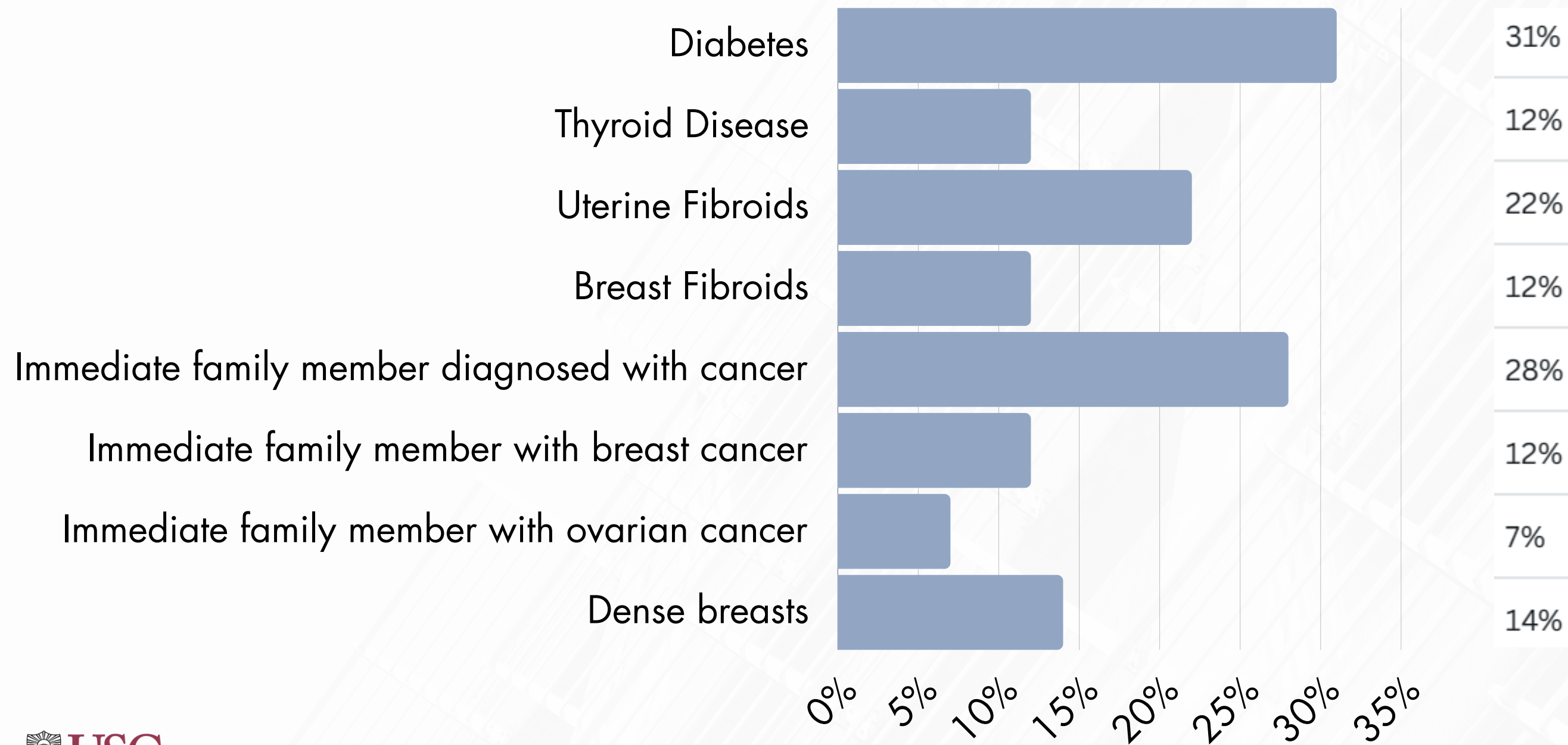
Average age of **53 años**

40% feel constantly stressed



PRELIMINARY RESULTS

Self-reported health factors

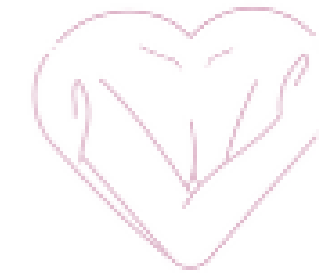


PRELIMINARY RESULTS



Out of **191** participants that attended our workshops **135** attended breast health workshops

Taller de salud mamaria



Ven a aprender sobre el cáncer del seno, los riesgos, quién está afectado, como identificar temprano y como el medio ambiente juega un papel en el cáncer del seno.

Taller de Salud, Químicos y Cuidado Personal

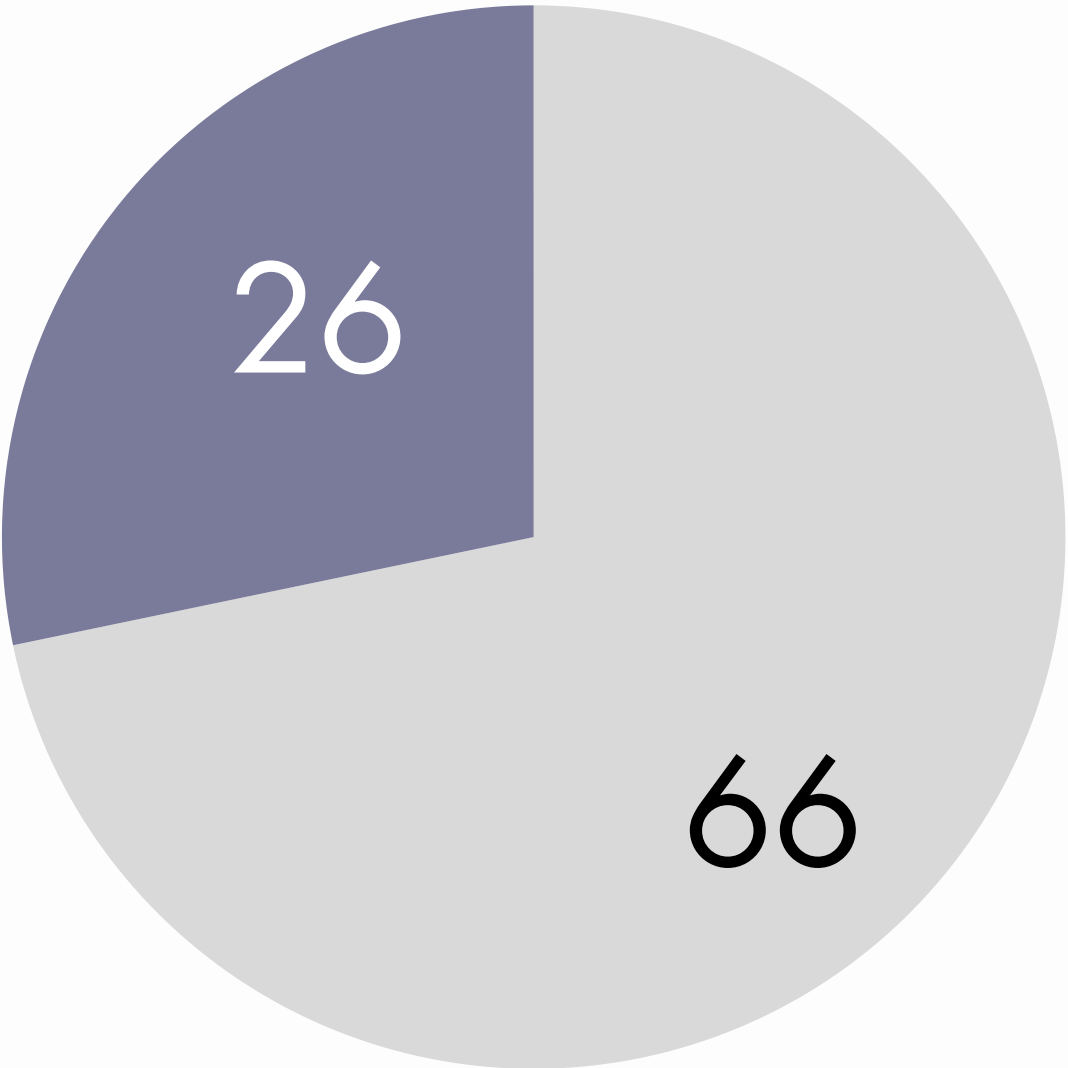


Ven a aprender sobre los químicos dañinos en productos de limpieza y cuidado personal, y cómo crear sus propios productos naturales que eviten estos químicos.

Ofrecemos estos talleres gratuitos de forma virtual o en persona, como parte de los Centros de Salud Ambiental de USC. Contáctenos si desea organizar un taller o atender uno.

323 442 5531
veneziar@usc.edu

ADVANCING HEALTH EQUITY



Out of **66** women that received a mammogram for the first time with the help of Promotoras, **26** received their first mammogram from Alinea Medical Imaging, our partner clinic

BREAST CANCER Awareness Month

Northgate Market will be hosting various mobile mammogram clinics offering free mammograms to women who qualify!
Visit alineamed.com or call 1-877-4AN-EXAM to schedule your appointment.

Date	Northgate Location	Address
10/3	Southgate #45	4155 Tweedy Boulevard, South Gate, CA
10/4	Slouson #38	944 East Slouson Avenue, Los Angeles, CA
10/10	Long Beach #39	4700 Cherry Avenue, Long Beach, CA
10/10	Paramount #17	16259 Paramount Boulevard, Paramount, CA
10/18	Inglewood #35	10801 South Prairie Avenue, Inglewood, CA
10/25	Santa Ana #18	770 South Harbor Boulevard, Santa Ana, CA
10/28	Pico Rivera #4	9101 Telegraph Road, Pico Rivera, CA
11/1	La Habra #2	1305 W Whittier Blvd, La Habra, CA
11/7	Anaheim #40	2030 East Lincoln Avenue, Anaheim, CA

ESPERANZA COMMUNITY HOUSING AND USC PRESENT THE

BELLA STUDY

WOMEN'S HEALTH FAIR

FERIA DE SALUD DE LA MUJER

01 ABRIL 2022 **9am - 3pm**

MERCADO LA PALOMA
3655 S. GRAND AVE
LOS ANGELES, CA 90007

Logos for EveryWoman, Esperanza, USC Environmental Health Centers, and Bella Study.

How To Access Free Mammograms in LA

- 1 Visit California's Cancer Detection Program - Every Woman Counts (CDP-EWC) website to access clinics that provide free breast and cervical cancer screenings. dhcs.ca.gov/EWC
- 2 Check if you meet the requirements:
 - Live in California
 - Women at least 40 years of age
 - Or any gender at any age with breast cancer symptoms
 - Have no insurance or limited insurance
 - Are not getting these services through Medi-Cal or another government-sponsored program
 - Meet EWC Income Criteria
- 3 Click on Provider Locator. Enter your zip code or city and street. [ProviderLocator](#)

Under "Advanced Options," you can select your preferred language.

DETECCIÓN DE CÁNCER DE MAMA

Preguntas y respuestas comunes

Logos for USC Environmental Health Centers, EJRL, and Esperanza.

- 1 **MAMOGRAFÍAS: ¿CON QUÉ FRECUENCIA?**
Las pruebas de detección con mamografías pueden detectar el cáncer de mama antes, incluso antes de los síntomas.
 - **Edad 40-44:** opcional, 1 vez al año
 - **Edad 45-54:** 1 vez al año
 - **Edad 55 y más:** 1 vez cada 2 años, o 1 vez al año (opcional)
- 2 **MAMOGRAFÍAS: QUÉ ESPERAR**
Duración: 10-15 minutos
• La tecnología de rayos X colocará cada

The promotoras spoke to over **950 women**, a grand feat to increase environmental and health literacy among their neighbors

DETECCIÓN DE CÁNCER DE MAMA

Preguntas y respuestas comunes







1 MAMOGRAFÍAS: ¿CON QUÉ FRECUENCIA?

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→

1x por año


Duración: 10-15 minutos



2 MAMOGRAFÍAS: QUÉ ESPERAR


- La tecnología de rayos X colocará cada seno en la plataforma uno a la vez y bajará una placa que aplana suavemente el seno
- La diseminación del tejido mamario

Cómo Obtener Mamografías Gratuitas en Los Ángeles



1 Visite el sitio web del Programa de Detección de Cáncer de California: Cada Mujer Cuenta (CDP-EWC) para acceder a clínicas que ofrecen exámenes de detección de cáncer de mama y de cuello uterino gratuitos.


dhcs.ca.gov/EWC






2 **Comprueba si cumples con los requisitos:**

- Vivir en California
- Mujer de al menos 40 años de edad
 - O cualquier género a cualquier edad con síntomas de cáncer de mama
- No tiene seguro o tiene un seguro limitado
- No recibes estos servicios a través de Medi-Cal u otro programa patrocinado por el gobierno
- Cumplir con los criterios de ingresos de EWC

3 Haga click en '**Localizador de proveedores**'. Ingrese su código postal o ciudad y calle.



En "Opciones avanzadas," puede seleccionar sus preferencias de ciudad, idioma hablado, doctoras y disponibilidad de clínicas. Haga click en "search".



01
ABRIL
2022

9am - 3pm

MERCADO LA PALOMA
3655 S. GRAND AVE
LOS ANGELES, CA 90007



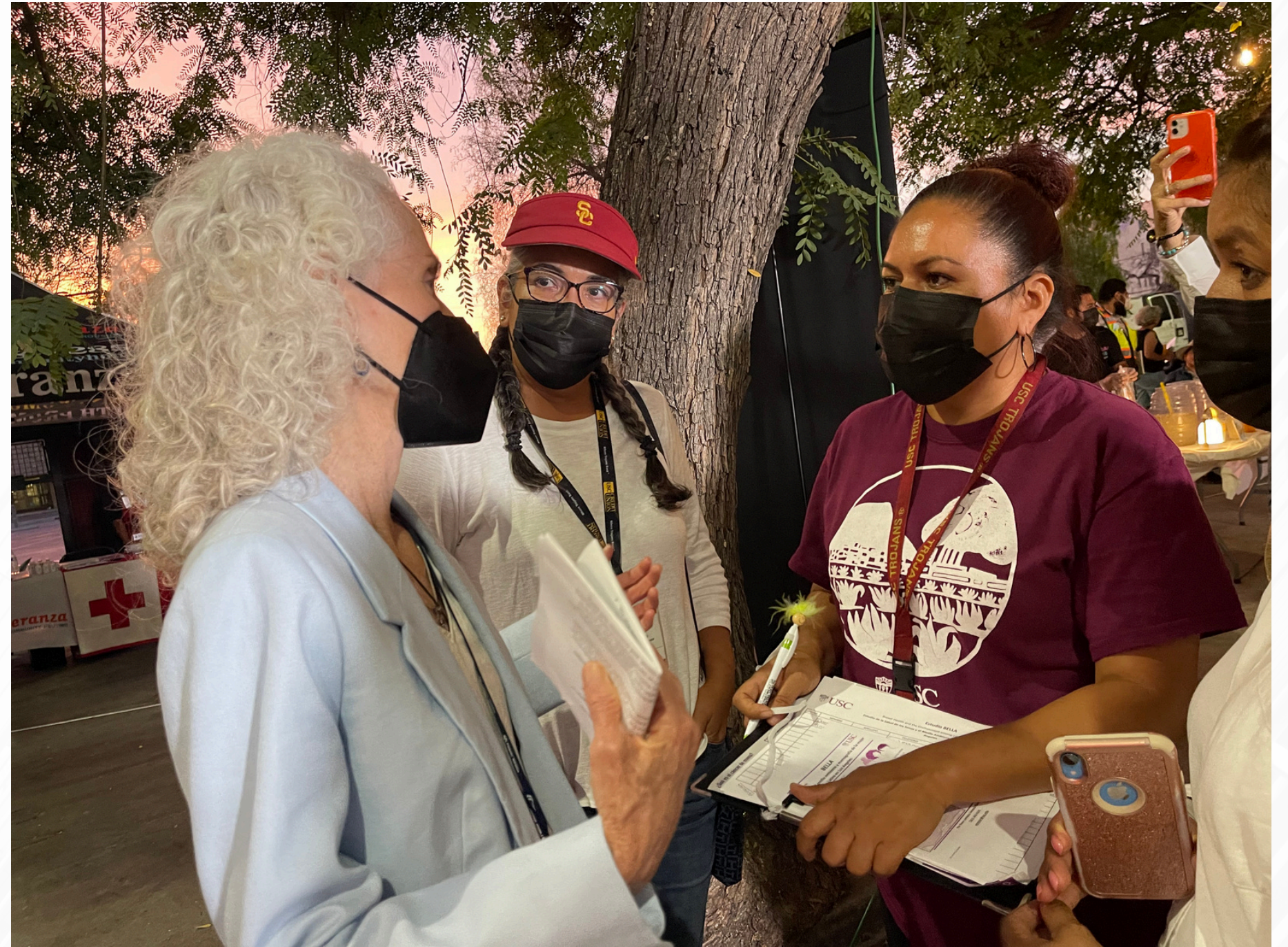
Women's health fair

- Hosted mobile mammogram clinic where **24 women received a mammogram**

4 Focus Groups & Retreat at LA Arboretum

- Gather perceptions of Latina women participating in health studies and **ensure results were effectively communicated**

THANK YOU



Environmental Health Centers

Supported by the California Breast Cancer Research Program USC IRB # HS-20-00489