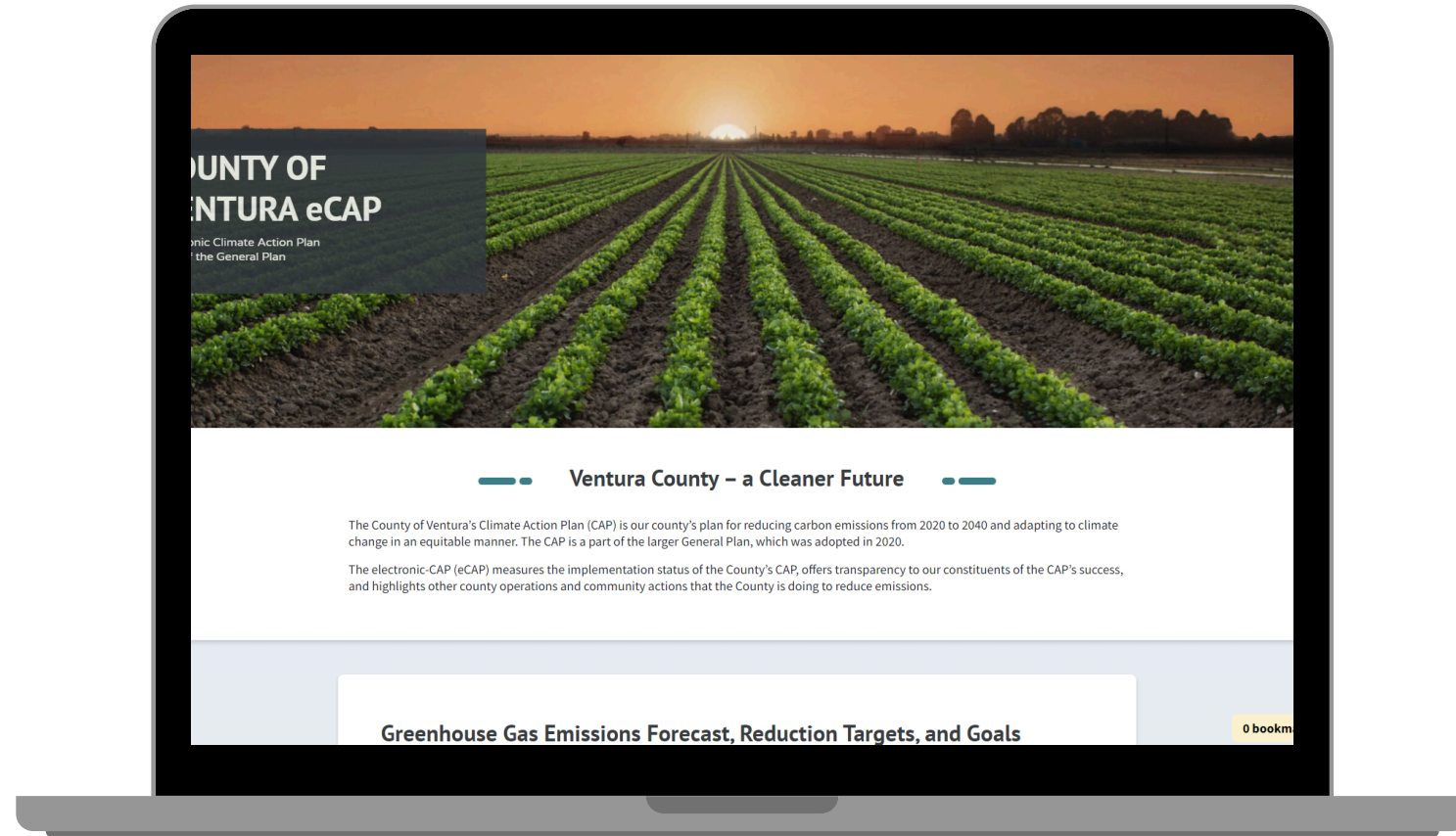# Climate Related Tools for Equitable Change

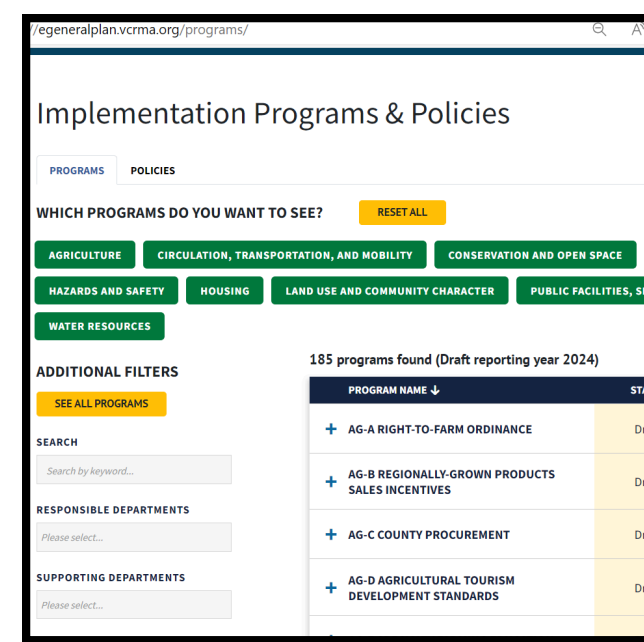## Electronic Climate Action Plan - Monitoring CAP progress

What is the County of Ventura's eCAP?

The electronic Climate Action Plan is a reporting and tracking tool to monitor progress of the County of Ventura's community-wide Climate Action Plan. Adopted in 2020 along with the County's General Plan, the County's CAP has 76 climate mitigation and adaptation programs across 7 agencies. The eCAP was created to coordinate these efforts and provide transparency to the public on CAP implementation. The tool has 3 parts:

1. A back-end portal for reporting staff to report on their assigned CAP programs and provide progress narratives, General Plan amendment requests, metric reporting, and budgeting information.
2. A public-facing dashboard that shows some selected information to the public which they can filter based on elements, agencies, and timelines.
3. GHG emission and environmental metrics to monitor unnncorporated Ventura County and County of Ventura's progress to addressing climate change.
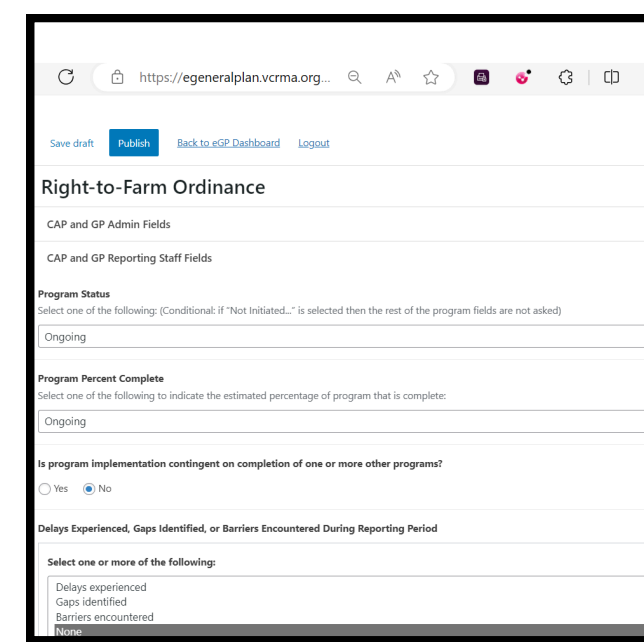
Reporting on CAP programs
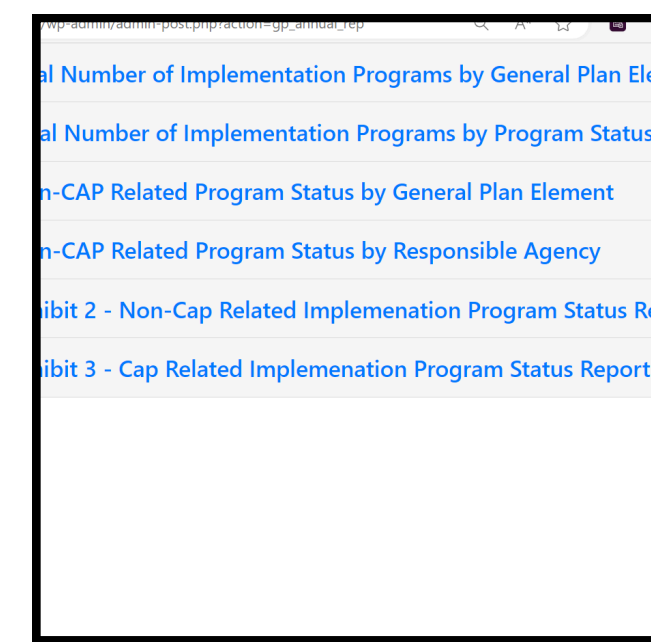
Report on Programs

Designated reporting staff log in and report on each program assigned to them.

Staff Reviewal

Administration staff review and publish the information for public view.

Generate Reports

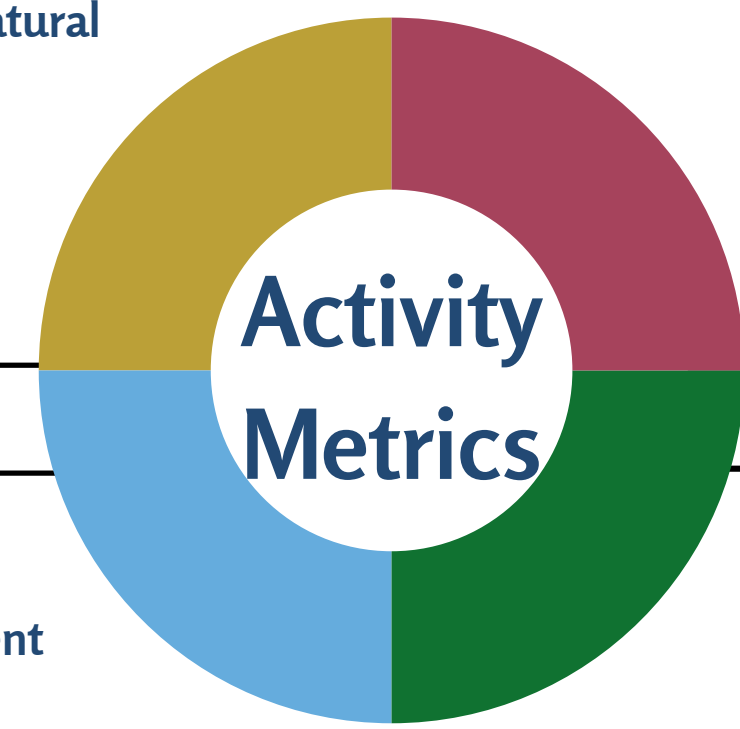Reported information is populated and summarized for reports.

Tracking the County's Emission Reductions

Building Energy
- Commercial/Residential Electricity and Natural Gas Usage
- 3C-REN Home Energy Savings
- Green Business programs
- Renewable Electricity Generation
- Solar Installations

Natural Lands
- Fossil Fuel-Powered Equipment Replacement
- County Tree Planting Program

Activity Metrics

Transportation
- Vehicle Use Emissions
- Near ZEV adoption
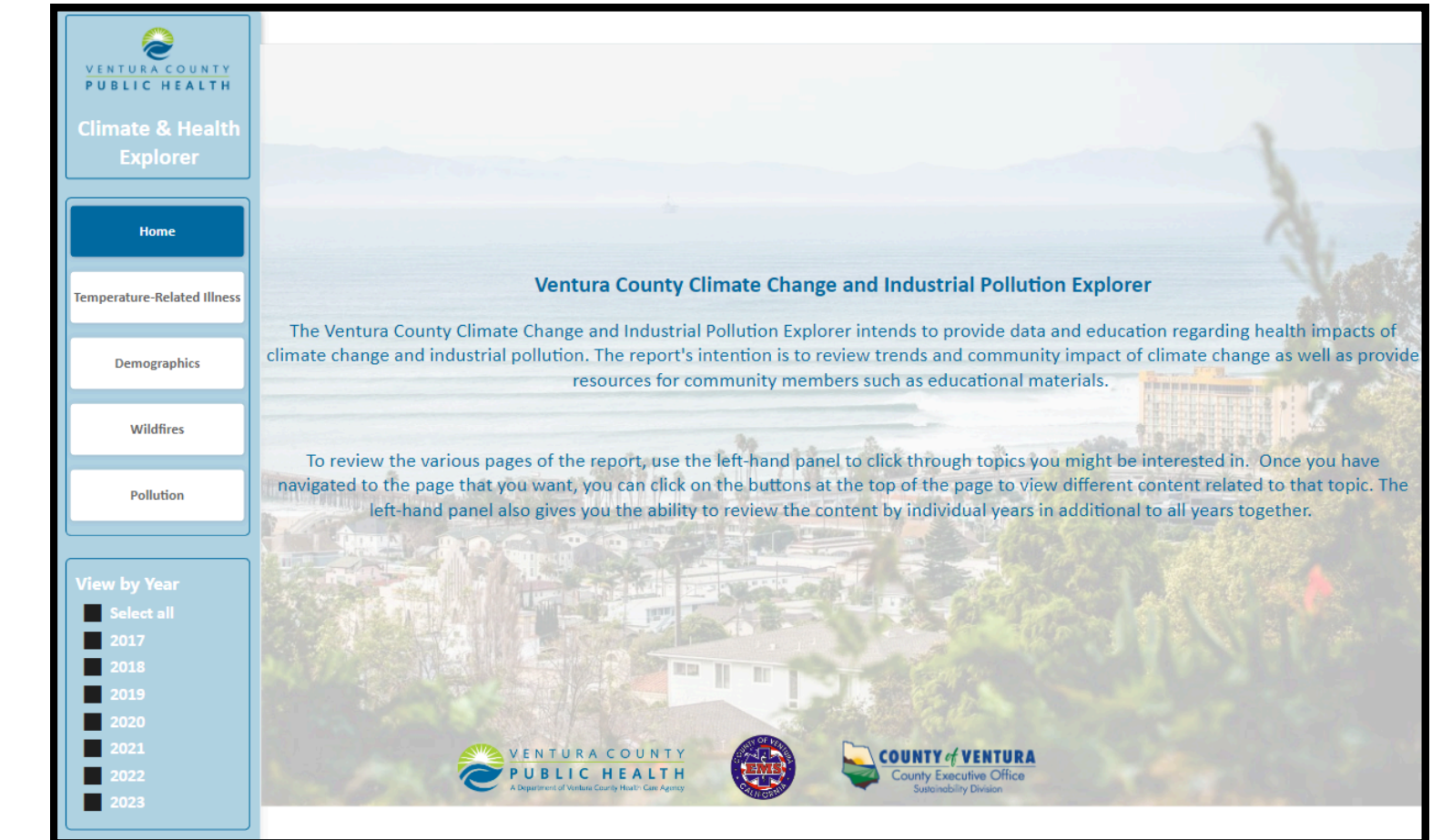- Bicycle Lanes
- Charging Stations

Adaptation
- Sea level rise
- Extreme Heat
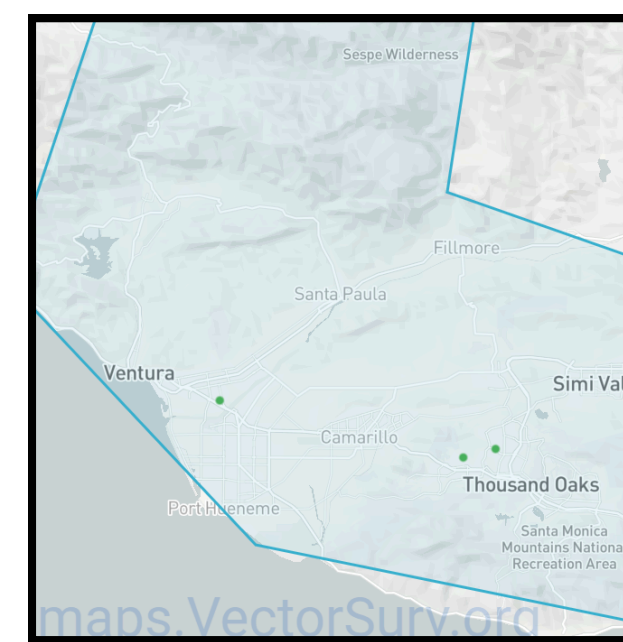- Wildfires

Climate and Health Equity Dashboard

What is the Climate and Health Equity Dashboard

The Climate and Health Equity Dashboard combines climate data, such as air pollution and temperature, with health system utilization data, to conduct ongoing monitoring of the health impacts from climate change. Through a better understanding of how climate change impacts all community members, especially those with systemic socioeconomic vulnerabilities that increase their health risks, our team can support community health advocates, share information and resources, and build local capacity to address climate change as a public health issue. This partnership also brings in community-based organizations to guide the continual formation of the tool as accessible and equitable to engage the most impacted community members.
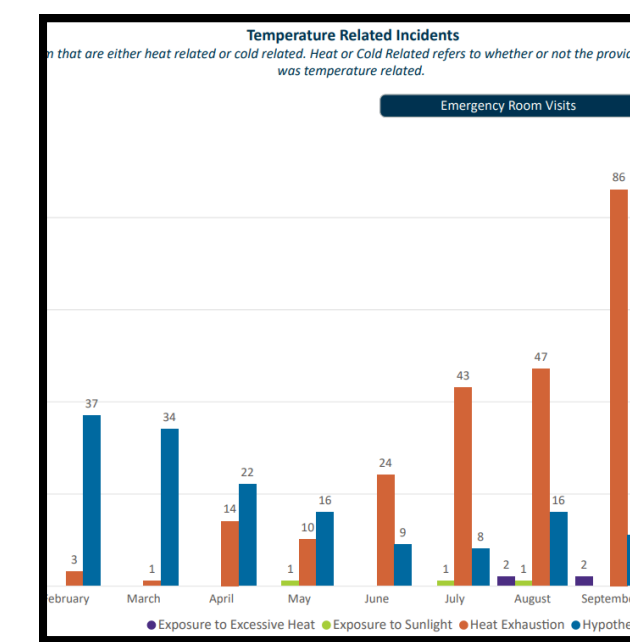
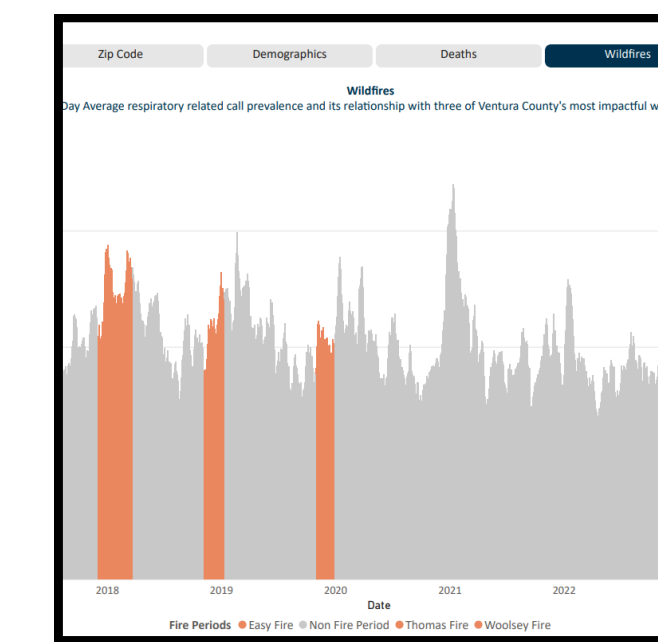### Climate Impacts Assessed

Arborvirus Cases

Map of arbovirus risk based on positive collections of various virus-tested mosquitoes, dead birds, and sentinel chickens.
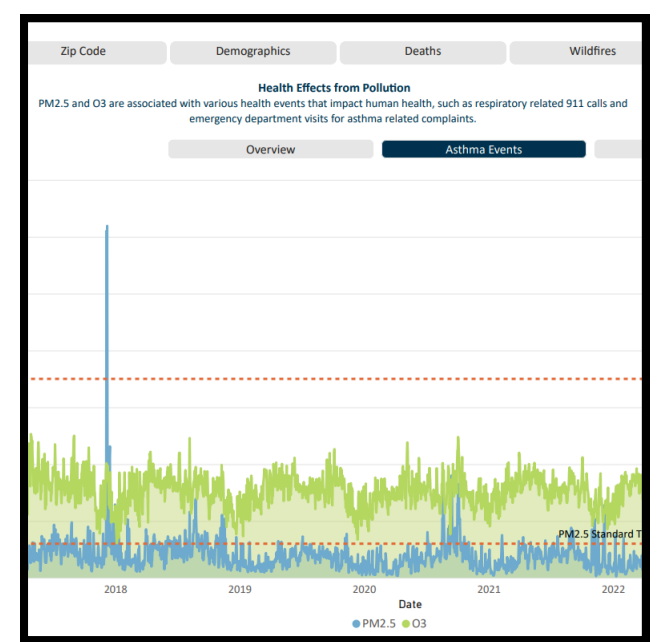
Heat/Cold Events

Emergency room visits and 911 responses categorized as heat/cold.

Wildfires

14-day average respiratory related calls from 2017 to 2024.
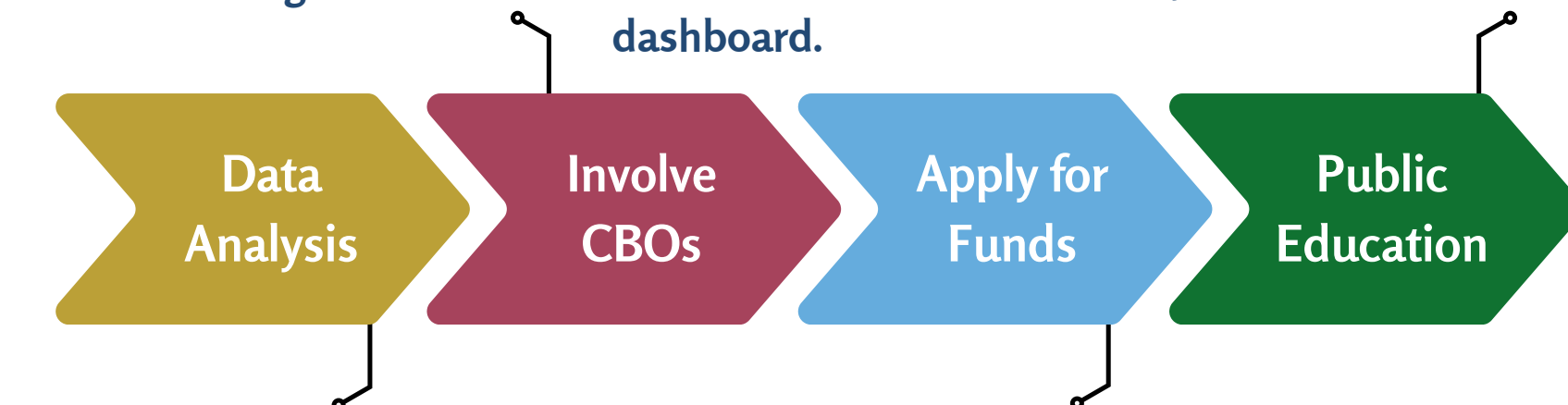
Pollution

Average PM 2.5 and O3 and respiratory related 911 calls

Community Engagement Process

Staff involved CBOs who have worked on these issues impacting vulnerable populations. Some CBOs include Mixteco/Indigena Community Organizing Project (MICOP) and CAPS805. CBOs gave input on how a dashboard can support their policy and project efforts and gave insights on data gaps, like measuring health impacts of people not going to the hospital.

Currently the dashboard is for internal use to inform County staff and provide insights on public health priorities. Staff is working on creating public friendly content to educate the community on health impacts from climate change. A heat education campaign is in the works with the County's Farmworker Resource Program to inform farmworkers on taking care of themselves on heat days as well as a ArcGIS StoryMap on each climate topic in the dashboard.

Data Analysis → Involve CBOs → Apply for Funds → Public Education

Public Health department utilized available data for Ventura County to analyze the health impacts of climate change. Bar graphs, histograms, and charts that are categorized based on demographic data such as zip code, homeless population, and age. Charts and findings were shared with other California public health officials, CBOs, and County staff for feedback and interpretation.

Staff are currently applying for grants to expand the dashboard for data collection. Survey outreach and focus groups in the most impacted regions and populations in the County will provide further insights on the health complications faced in these communities.