

Using Health Data to Strengthen Your Active Transportation Program Application

Wednesday, August 27, 2025, 10:00 a.m. – 11:00 a.m.

Poll

#1: How familiar are you with the Healthy Places Index (HPI) tool?

a) Very familiar b) Somewhat familiar c) Not at all

#2: Have you used HPI before? If yes, please share details in the chat.

a) Yes b) No c) Unsure

Webinar Objectives

- Learn how the *Healthy Places Index* tool can be used to establish your community as disadvantaged and highlight health in your community.
- Learn how the *EpiCenter* tool can be used to describe the hospitalization and death impacts to walkers and cyclists in your community.

ATRC Webinar Logistics

- Share your questions throughout the meeting by using the “Q&A” function.
- Please complete the post-webinar attendee survey.
- The webinar will be recorded and shared with all registered participants along with the slides and resources.



Introduction

The Active Transportation Program (ATP) Application

- Part B Q1 – Disadvantaged Community (DAC) designation using Healthy Places Index (HPI)
- Part B Q3 – Potential for Reducing the Number and/or Rate of Pedestrian and Bicyclist Fatalities and Injuries. EpiCenter is a tool for this.

Healthy Places Index

- For Cycle 6 awarded applications, HPI was the third most used tool to demonstrate DAC status.
- San Juan Unified School District in Sacramento County showed that within the district there was less access to vehicular transportation and higher obesity and diabetes rates. This grant was funded in ATP Cycle 4.

Guest Speakers



Helen Dowling, MPH

Director of Data Initiatives

Public Health Alliance of
Southern California



Mar-y-sol Pasquiers, MPH, CPH

Injury Epidemiologist

Injury and Violence Prevention Branch,
California Department of Public Health



The California Healthy Places Index for your ATP Application



Active Transportation Research Center
August 27, 2025



Public Health AllianceTM

OF SOUTHERN CALIFORNIA

Who We Are

We are an active coalition of 11 local health jurisdictions on a mission to mobilize the transformative power of **local public health** for **enduring health equity**.





Public Health AllianceTM

OF SOUTHERN CALIFORNIA

Our Work

Through our **three key initiatives**, we work with state, local, and community partners to advance emerging & innovative best practices in public health. **Together, we're building a healthier California for all.**



Health Equity & Justice

We work across sectors to develop policies, programs, resources, and trainings to advance a fair, just, inclusive, equitable, and sustainable future for all.



Data

Data are a powerful tool for equity. We couple data with policy opportunities to support decision-making and guide resources where they are needed most.



Climate & Health

Everyone should be protected from the health impacts of climate change. We work to address the public health and equity nexus with climate change adaptation, mitigation, and recovery efforts.



Our Shared Value

Everyone should have a fair and just opportunity to achieve good health and well-being.



Healthy Communities Create Healthy People



It's all about where we live. Access to good jobs, education, and clean air and water are just a few neighborhood factors that can make a big difference in our health.

In turn, these community conditions (also known as the **social determinants of health**) are influenced by policy and funding decisions.

These decisions can create the essential conditions for good health.

Social Determinants of Health



Social Determinants of Health
Copyright-free

 Healthy People 2030

The HPI Platform

The Healthy Places Index (HPI) is a peer-reviewed and published tool that measures the **impact of community conditions** on population health and provides **recommendations for policy action**, all using a **positive, asset-based frame**.

With three components - the Index, Policy Action Guides, and Interactive Map - you can use the HPI platform to access important data on community conditions and take action towards positive change.

The HPI Platform



1. The Index

The Healthy Places Index is a composite index combining 23 different indicators of community characteristics linked to life expectancy at birth. **The healthier a community, the higher the HPI score.** Indicators are organized into "Policy Action Areas", or thematic domains, that link data to policy action.

▼ See our complete list of HPI indicators and policy action areas:

<u>Economic</u> 35% • Employed • Per Capita Income • Above Poverty	<u>Education</u> 18% • In Pre-School • In High School • Bachelor's Education or Higher	<u>Transportation</u> 13% • Automobile Access • Active Commuting	<u>Social</u> 13% • Census Response Rate • Voting in 2020
<u>Housing</u> 5.3% • Low-Income Renter Severe Housing Cost Burden • Low-Income Homeowner Severe Housing Cost Burden • Housing Habitability • Uncrowded Housing • Homeownership	<u>Healthcare Access</u> 5.3% • Insured Adults	<u>Clean Environment</u> 5.2% • Ozone • PM 2.5 • Diesel PM • Water Contaminants	<u>Neighborhood</u> 5.2% • Retail Density • Park Access • Tree Canopy

The HPI Platform

2. The Policy Action Guides

Provides a wealth of [evidence-based policy recommendations](#) to move data into action.

HPI Policy Guides are an indispensable tool for discovering **actionable, upstream solutions** to community need. Once you've found priority communities with the HPI Score, Policy Guides help you take the next step.

Each guide includes:



Connection to Health

Evidence-based explanation linking the community conditions to health outcomes.



Where to Start

Elevates key policy opportunities.



Policies

Each has an evidence rating, listing of co-benefits, and links to resources.

There are 31 guides in total, one for all 23 HPI indicators, and 8 additional guides covering decision support layers, like extreme heat, public transit access, and outdoor workers.

The HPI Platform

3. The Interactive Map



Brings together the Index, [Policy Action Guides](#), important data on community context, like health outcomes and measures of racial equity, along with advanced spatial analysis features for power users.

Learn how to use the interactive map through our quick-start [video tutorials](#):



✨ Identifying Disadvantaged Communities for ATP Applications

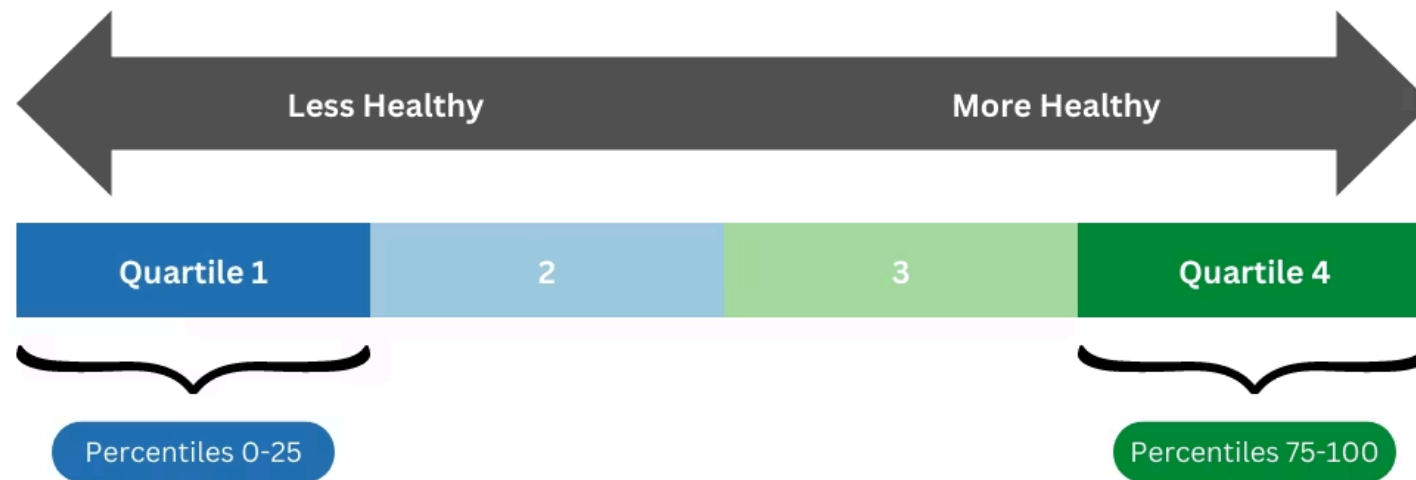
To qualify as a disadvantaged community, the community served by the project must meet at least one of the following criteria: [...]

The Healthy Places Index includes a composite score for each census tract in the State. The higher the score, the healthier the community conditions based on 25 community characteristics. The scores are then converted to a percentile to compare it to other tracts in the State. **A census tract must be in the 25th percentile or less to qualify as a disadvantaged community.**

[2025 ACTIVE TRANSPORTATION PROGRAM GUIDELINES](#)

Interpreting HPI Data: HPI Quartiles

In the Healthy Places Index, we divide score percentile rankings into **4 quartiles**:



Communities in HPI Quartile 1 (0th - 25th percentile) have the **least healthy community conditions**.

Communities in HPI Quartile 4 (75th - 100th percentile) have the **most healthy community conditions**.

⚠ Places with HPI scores that fall within Quartile 1 - shaded in **dark blue** ■ on our map - are priority communities. When making program planning, evaluation, or resource allocation decisions, focus on these neighborhoods.

Interpreting HPI Data: HPI Scores

When you click on a neighborhood, you'll be shown something like this. Let's break it down:

▼ HPI Score (3.0): 20.5 percentile

▼ HPI Score

This is the **indicator** or **measure** you're currently viewing.

In this case, we're looking at the overall **HPI score**, our composite measure of 23 community conditions linked to life expectancy.

▼ (3.0)

The number in parentheses - (3.0) - tells you that this is **version 3.0** of the HPI score.

❓ Did you know you can access our previous version 2.0 HPI scores through our View Indicators function?

▼ 20.5 percentile

20.5 percentile is the **percentile ranking** of this neighborhood's HPI score.

It describes how this neighborhood **compares** to all other neighborhoods on the HPI score.

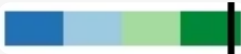
We can say that this neighborhood ranks higher on the HPI score than just 20.5% of other neighborhoods. Conversely, it ranks *lower* than 79.5% of other neighborhoods.¹

Interpreting HPI Data: Indicator Values

Indicators beyond the HPI Score also display a **value** in addition to the percentile ranking.

A **value** is the numerical measure of an attribute or characteristic.¹ It can be used to compare against a specific standard or target.

You'll see a table like this describing indicators and their values on the HPI map:

Indicator	Value	Percentile	Ranking
Employed	84.2%	94.1	

Let's break this down:

▼ Indicator: Employed

Employed is the **indicator**.

▼ Value: 84.2%

84.2% is the **value** of the Employed indicator in this neighborhood. It means that 84.2% of the working-age population has a job.

▼ Percentile Ranking: 94.1

94.1 percentile is the **percentile ranking** of the Employed indicator in this neighborhood. It describes how this neighborhood **compares** to all other neighborhoods on the Employed indicator.

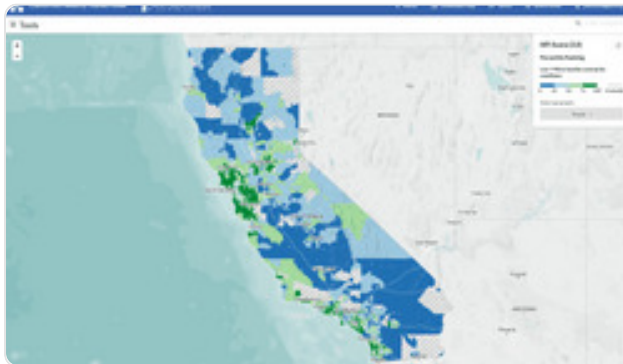
We can say that this neighborhood ranks higher on the Employed indicator than 94.1% of other neighborhoods. Conversely, it ranks *lower* than only 5.9% of other neighborhoods.²

▼ Legend graphic: (dark green)



This graphic plots the percentile ranking with a vertical black bar. 94.1 corresponds with the **4th quartile**, which is the dark green portion of the plot.

Let's Explore California HPI!



map.healthyplacesindex.org



California Healthy Places Index

HPI Transforms Communities

Hundreds of Use Cases Across Multiple Sectors

Every week, [we hear about new and exciting uses](#) of the Healthy Places Index. From improving community conditions, building resilience, and equitably allocating resources, the HPI is used across the spectrum.

Here are just a few ways we've seen HPI leveraged to transform communities:

 Developing Safe Routes to Schools plans

 Health department and nonprofit hospital community health assessments

 Funding community arts projects

 Directing rental & housing assistance

 Participatory budgeting processes

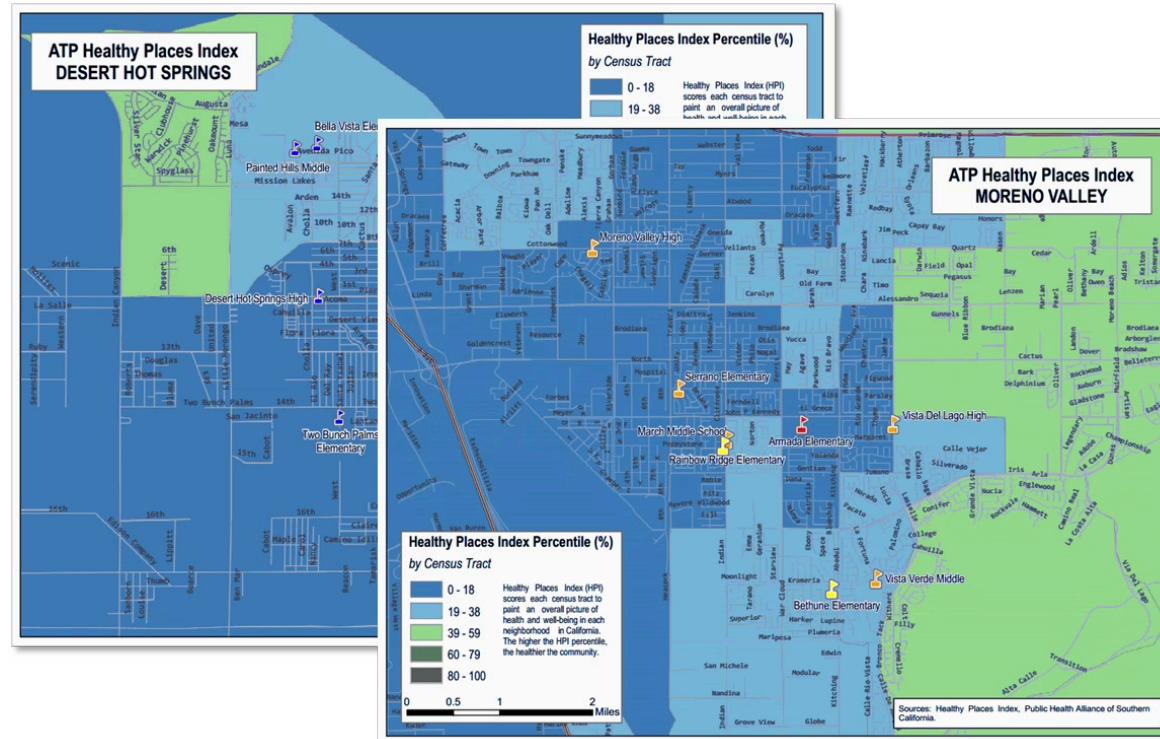
 Food security & nutrition assistance, including reach of SNAP-Ed programming

 Informing recreation and park plans

 Climate resiliency assessments

Use Case: Riverside ATP Grant

Used the Healthy Places Index for disadvantaged community identification, focusing on Safe Routes to School Program.



Key Links and Resources

Just getting started with HPI?

1 Visit our [website](#)

Get information on everything HPI.

2 View our [FAQs](#)

Answers to (most) of your burning questions

3 Watch HPI map [tutorial videos](#)

Easy to follow, step-by-step instruction videos.

Data analyst or researcher ready to dive deeper?

1 Download the [HPI Technical Report](#)

Complete information on our methodology and data sources.

2 Review HPI [research best practices](#)

This new manual describes how to use HPI in common research applications.

3 Access HPI data

Sign up for an [API key](#), or request the [complete data file](#).

? Have a question or a comment? Want to tell us how you've used HPI to improve your community?

 www.healthyplacesindex.org/contact



Ask the HPI team

Send us your questions or tell us how you're using HPI in your work



We'd love to hear from you!



Helen Dowling, MPH (she/her)

Director of Data Initiatives

hdowling@phi.org

AskHPI@thepublichealthalliance.org





EpiCenter

California Injury Data Online

August 27, 2025

Mar-y-sol Pasquiers, MPH, CPH

User Guide

<https://skylab4.cdph.ca.gov/epicenter>

EpiCenter
California Injury Data Online



- Home
- Deaths
- Hospitalizations
- ED Visits

- Welcome
- Updates
- User Guide
- Methods
- FAQs

User Guide

Click on any of the following topic headers to expand or collapse the section.

- Getting Started
- Suggested Analyses
- Attribution
- Suggested Citation
- Help



Getting Started

EpiCenter is designed to be a flexible tool for viewing California data on injuries that result in death, hospitalization, or a visit to the emergency department (ED). Follow these three steps below to start exploring the data.

1. Select

Select the injury outcome from the blue panel at the top of the page. Outcomes include deaths, non-fatal hospitalizations, and non-fatal ED visits. Non-fatal hospitalizations tend to be for more severe injuries that require greater medical treatment compared to ED visits.

EpiCenter California Injury Data Online



Home Deaths Hospitalizations ED Visits

2. Filter

Use the sidebar on the left to view and select available filters.

- A. **Filter:** Filter the injury data using the drop-down menu on the left of the page (2-A). Filters are organized under the categories of person, place, time, injury, and treatment (for non-fatal injuries only). Click on a category to view/hide the filters it contains. Filters will be immediately applied.
- B. **Filter Description:** A description of the current filters and the number of injuries displayed appears near the top of the page, under the blue panel (2-B).
- C. **Clear filters:** To clear all filters, click on the "Reset Filters" button at the bottom of the filter panel on the left of the page (2-C).

EpiCenter California Injury Data Online



Home Deaths Hospitalizations ED Visits

Filter Injury Deaths

Filter by Person

Filter by Place

Filter by Time

Year

2020

to

2022

Submit year selection

Reset year

Death Month

filter by death month - showing all

Death Day of Week

filter by death day of week - showing all

Filter by Injury

Reset Filters

Currently displaying 81,060 injury deaths from 2020 to 2022 among Californians aged 0 to 100 + years.

2-B

2-A

2-C

3. Display

Display the data using the three outputs listed as tabs under the description of the filtered data (Custom Table, Time Series, and Bar Chart).

Custom Table: Displays injury counts by selected variables.

- A. Grouping: The data can be grouped by up to four variables using the drop-down menus above the table (3-A).
- B. Reset groups: Click the "Reset groups" button to reset all grouping drop-down menus (3-B).
- C. Show Rates: The table will display injury counts for each grouping level. Check the "show rates" box to also display incidence rates per 100,000 person-years (3-C).
- D. Download Data: To download the table as an Excel file, click on the "Excel" download button below the table (3-D).

EpiCenter California Injury Data Online



[Home](#) [Deaths](#) [Hospitalizations](#) [ED Visits](#)

Filter Injury Deaths

Filter by Person

Filter by Place

Filter by Time

Year
2020 to 2022
Submit year selection Reset year

Death Month
filter by death month - showing all

Death Day of Week
filter by death day of week - showing all

Filter by Injury

Reset Filters

Currently displaying 81,060 injury deaths from 2020 to 2022 among Californians aged 0 to 100 + years.

[Custom Table](#) [Time Series](#) [Bar Chart](#)

Group By

...Then

...Then

...Then

Sex

2nd Grouping

3rd Grouping

4th Grouping

Reset groups

☒ Show Rates

Show All entries

Search:

Sex	Count	Person-years	Crude Rate
Male	60,380	58,602,533	103.0
Female	20,664	59,185,662	34.9
Other/Unknown	16		

Showing 1 to 3 of 3 entries

[Previous](#) [1](#) [Next](#)

Excel

Notes:

- Unlisted rows have zero injuries.
- Rows with injury counts that appear blank have <11 injuries and are suppressed for data de-identification purposes.
- Rows with injury rates that appear blank do not have appropriate population data available for rate calculation.
- Rates for data years 2020 and 2021 were updated in December 2023 using the latest population projections from the California Department of Finance and may differ from rates that appeared on EpiCenter previously.

Currently displaying <11 injury deaths in 2023 among Californians aged 0 to 100 + years, filtered by:

County of Residence: Tehama

Injury Mechanism: Transportation: MVT-Pedal Cyclist, Transportation: MVT-Pedestrian, Transportation: Pedal Cyclist, Other, Transportation: Pedestrian, Other

Custom Table

Time Series

Bar Chart

Group By

...Then

...Then

...Then

Year

2nd Grouping

3rd Grouping

4th Grouping

Reset groups

☐ Show Rates

Show **All** entries

Search:

Year

Count

2023

Showing 1 to 1 of 1 entries

Previous

1

Next

Excel

Notes:

- *Unlisted rows have zero injuries.*
- *Rows with injury counts that appear blank are suppressed for data de-identification purposes.*

Time Series: Displays injuries over time as a line graph.

A. Group by: Group the data by variables from the drop-down menu above the graph (please note the graph is limited to displaying 10 or fewer groups) (4-A).

B. Injury Measure: Choose to display injury counts or incidence rates from the next drop-down menu (4-B).

C. Time Unit: Change the time unit from years to months or weeks using the third drop-down menu (4-C).

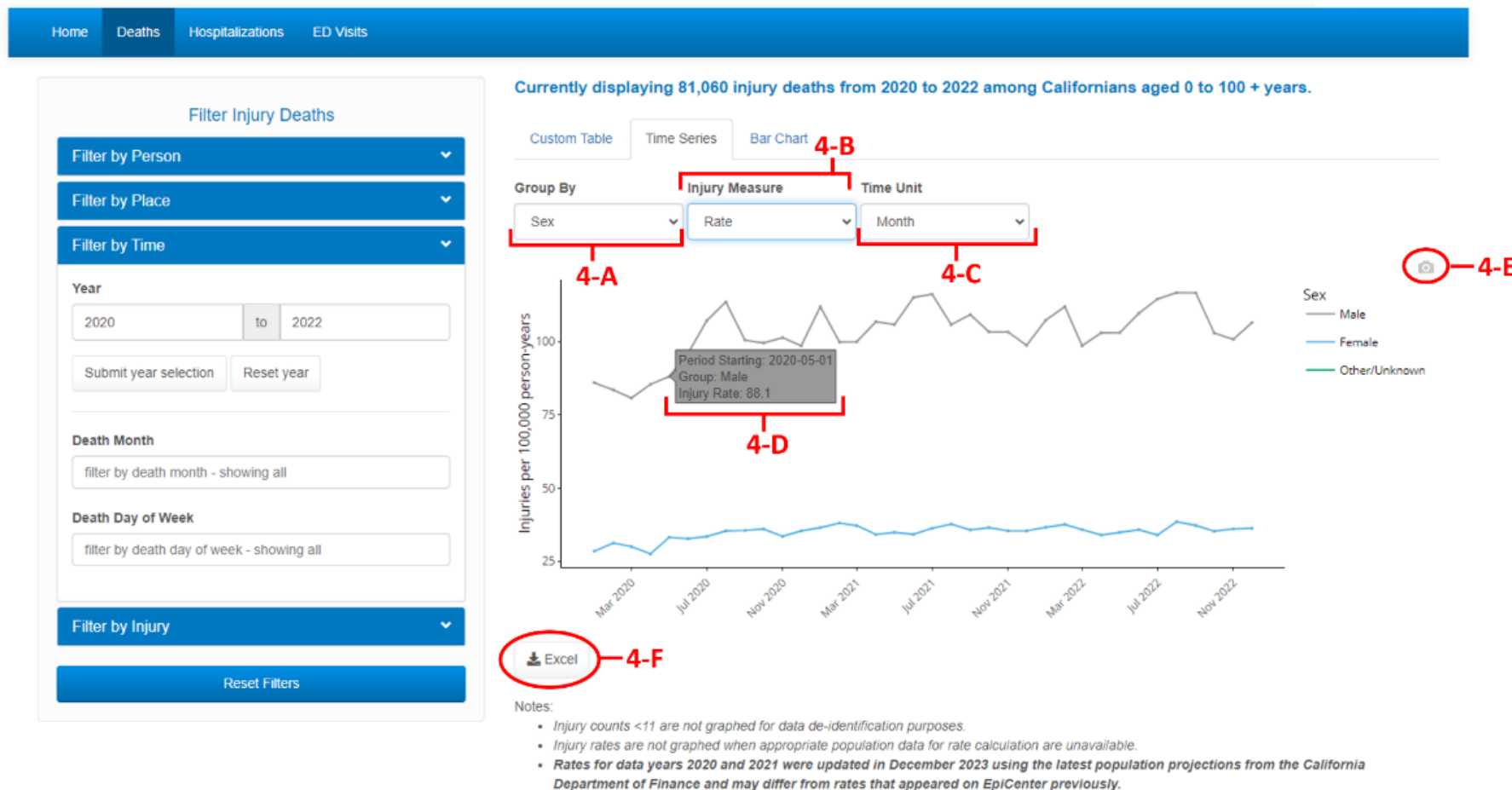
D. View Details: Hover over the graph to see values for each data point (4-D).

E. Download Image: To download the graph as an image (.png file), hover over the table and a camera icon will appear in the top right corner – click on it (4-E).

F. Download Data: To download the graph's source data as a table (Excel file), click on the "Excel" download button below the graph (4-F).

EpiCenter

California Injury Data Online



Bar Chart: Displays injuries by groups as a bar chart.

- A. Group by: Group the data by variables from the drop-down menu above the chart (please note the chart is limited to displaying 120 or fewer groups) (5-A).
- B. Injury Measure: Choose to display injury counts or incidence rates from the next drop-down menu (5-B).
- C. Time Unit: Change the bar order from the grouping variable (groups) order to the bar height (injury measure) order using the third drop-down menu (5-C).
- D. View Details: Hover over the chart to see values for each bar (5-D).
- E. Download Image: To download the chart as an image (.png file), hover over the table and a camera icon will appear in the top right corner – click on it (5-E).
- F. Download Data: To download the chart's source data as a table (Excel file), click on the "Excel" download button below the graph (5-F).

EpiCenter California Injury Data Online



Home Deaths Hospitalizations ED Visits

Filter Injury Deaths

Filter by Person

Filter by Place

Filter by Time

Year

2020

to

2022

Submit year selection

Reset year

Death Month

filter by death month - showing all

Death Day of Week

filter by death day of week - showing all

Filter by Injury

Reset Filters

Currently displaying 81,060 injury deaths from 2020 to 2022 among Californians aged 0 to 100 + years.

Custom Table

Time Series

Bar Chart

Group By

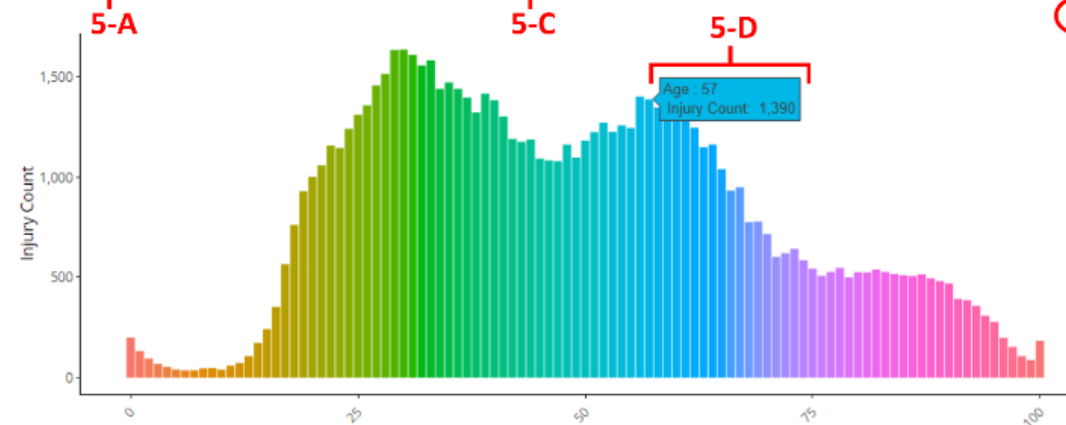
Age

Injury Measure

Count

Bar Order

Groups



Excel

5-F

Notes:

- Unlisted groups have zero injuries.
- Injury counts <11 are not graphed for data de-identification purposes.

User Guide

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Live demo

Questions?

Mar-y-sol.Pasquiers@cdph.ca.gov or EpiCenter@cdph.ca.gov





Q & A time



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Thank You!