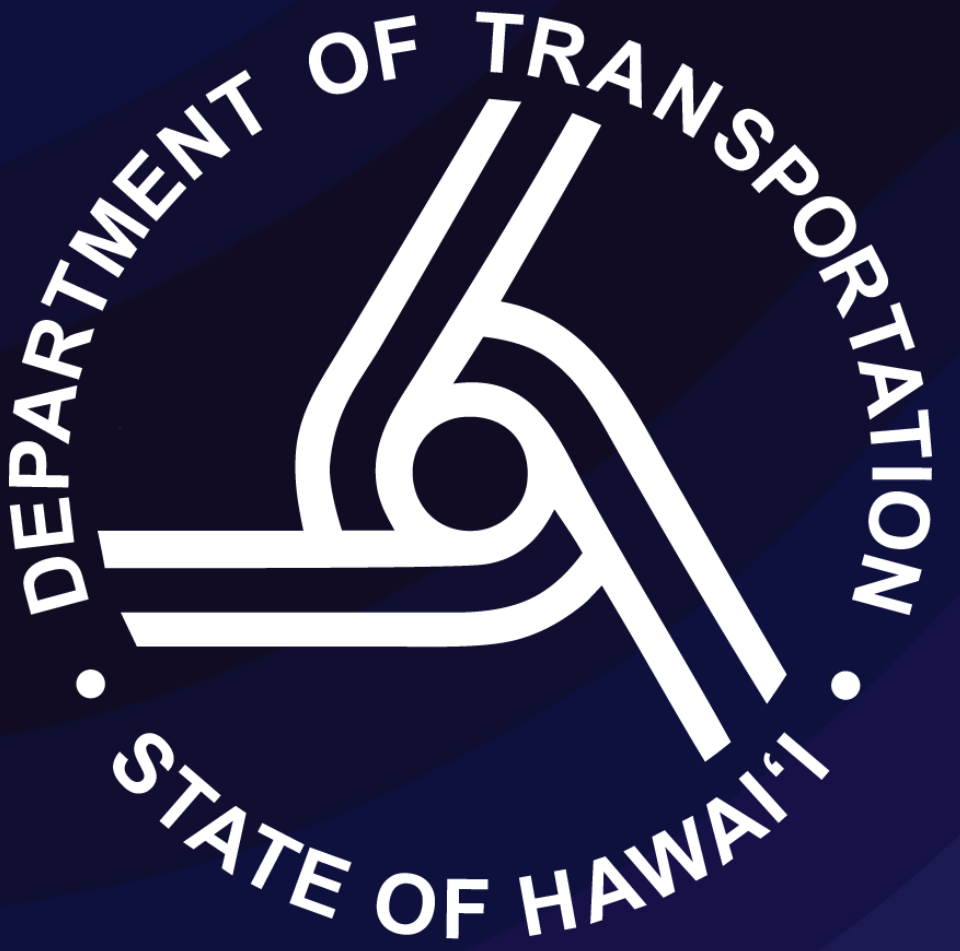
'26MAY20 AM 8:15 CITY CLERK

Presentation to Honolulu City Council's Infrastructure, Transportation & Technology Committee



MISC. COM. 207(26)
ITT

HiDOT Fatal Crash Statistics Dashb…

Select Line Chart Date R…	Crash Date Ra…	County	Critical Travel M…	Contributing Fac…
No date selected	Last Year	Honolulu	No category sele…	No category sele…

Statewide

128

Total Fatalities 2,487

No data

Last update: 29 seconds ago

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Honolulu

82

Total Fatalities

Last update: 30 seconds ago

sum ◀ ▶



Case Number: 19
Crash Date: 2/20/25, 10:00 PM
Total Fatalities : 1

County: Honolulu
Case Number: 20
Crash Date: 2/21/25, 10:00 PM
Total Fatalities : 1

County: Honolulu
Case Number: 22
Crash Date: 2/25/25, 10:00 PM
Total Fatalities : 1

County: Honolulu
Case Number: 23
Crash Date: 2/25/25, 10:00 PM
Total Fatalities : 1

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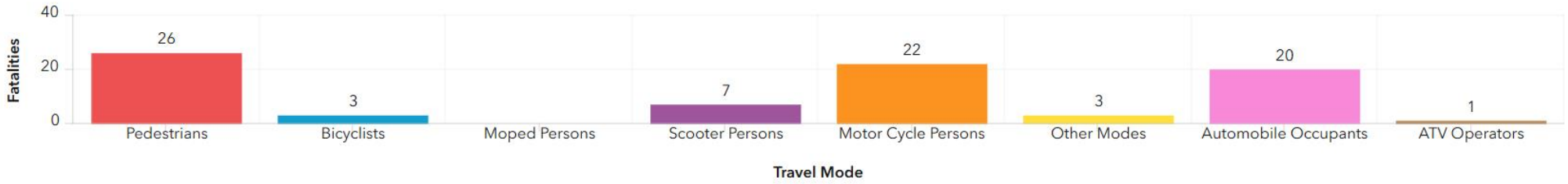
◀ Case List ▶



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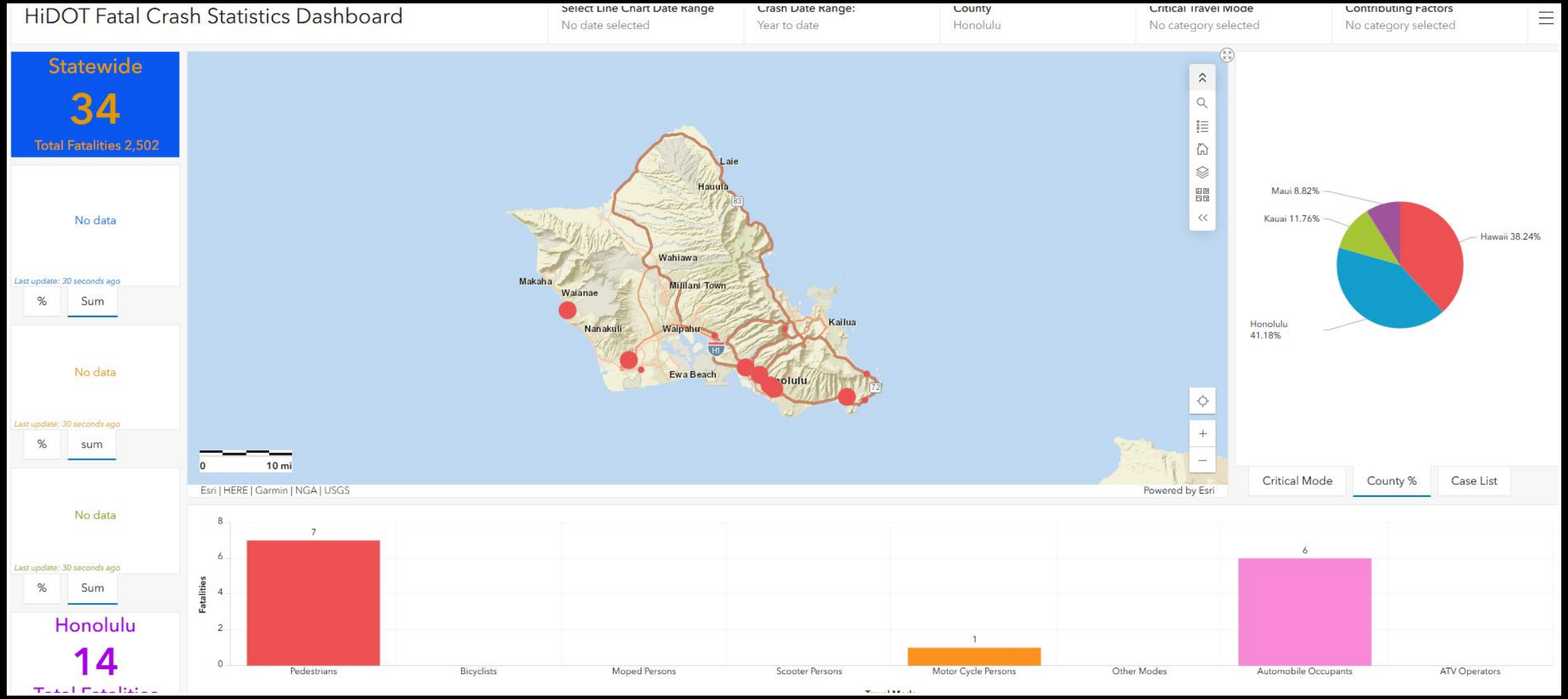
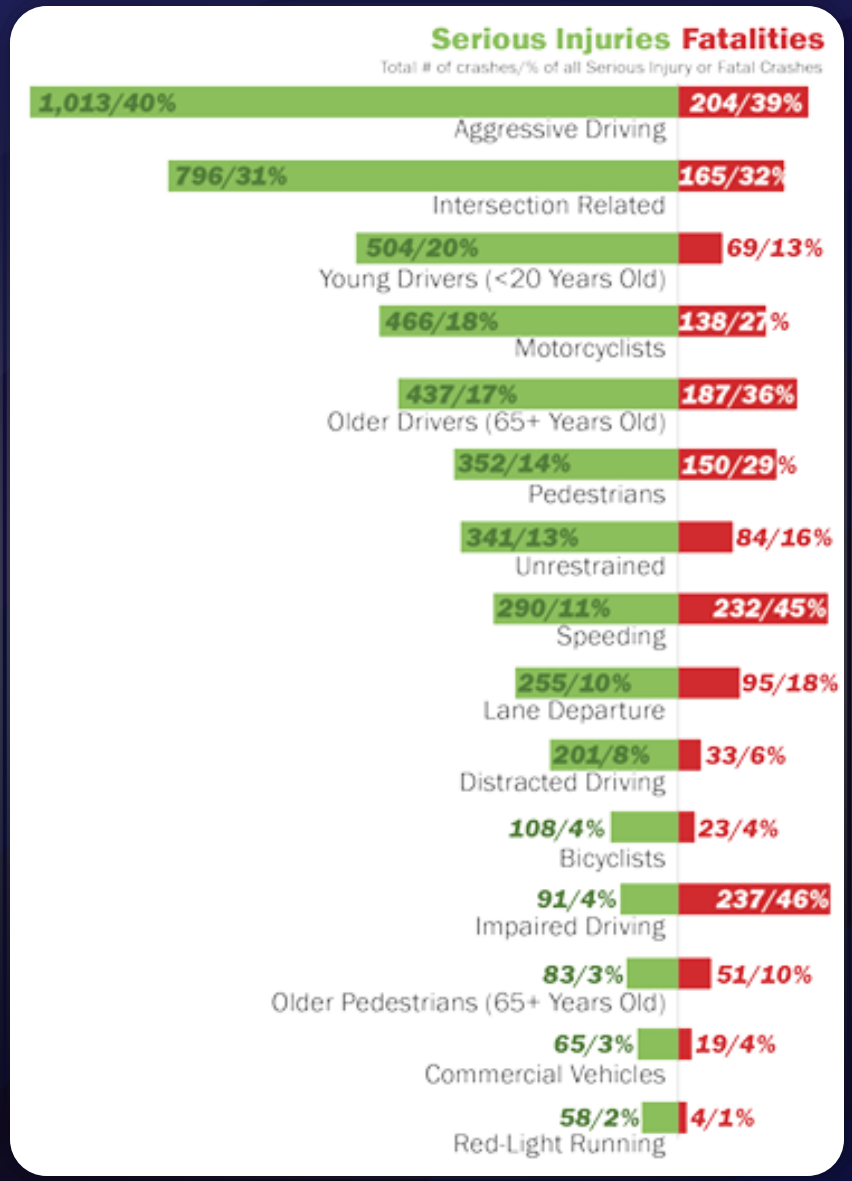
◀ Statewide Fatalities by Occupant Type ▶



Note: These are preliminary figures and are subject to change on finalization of investigative reports.

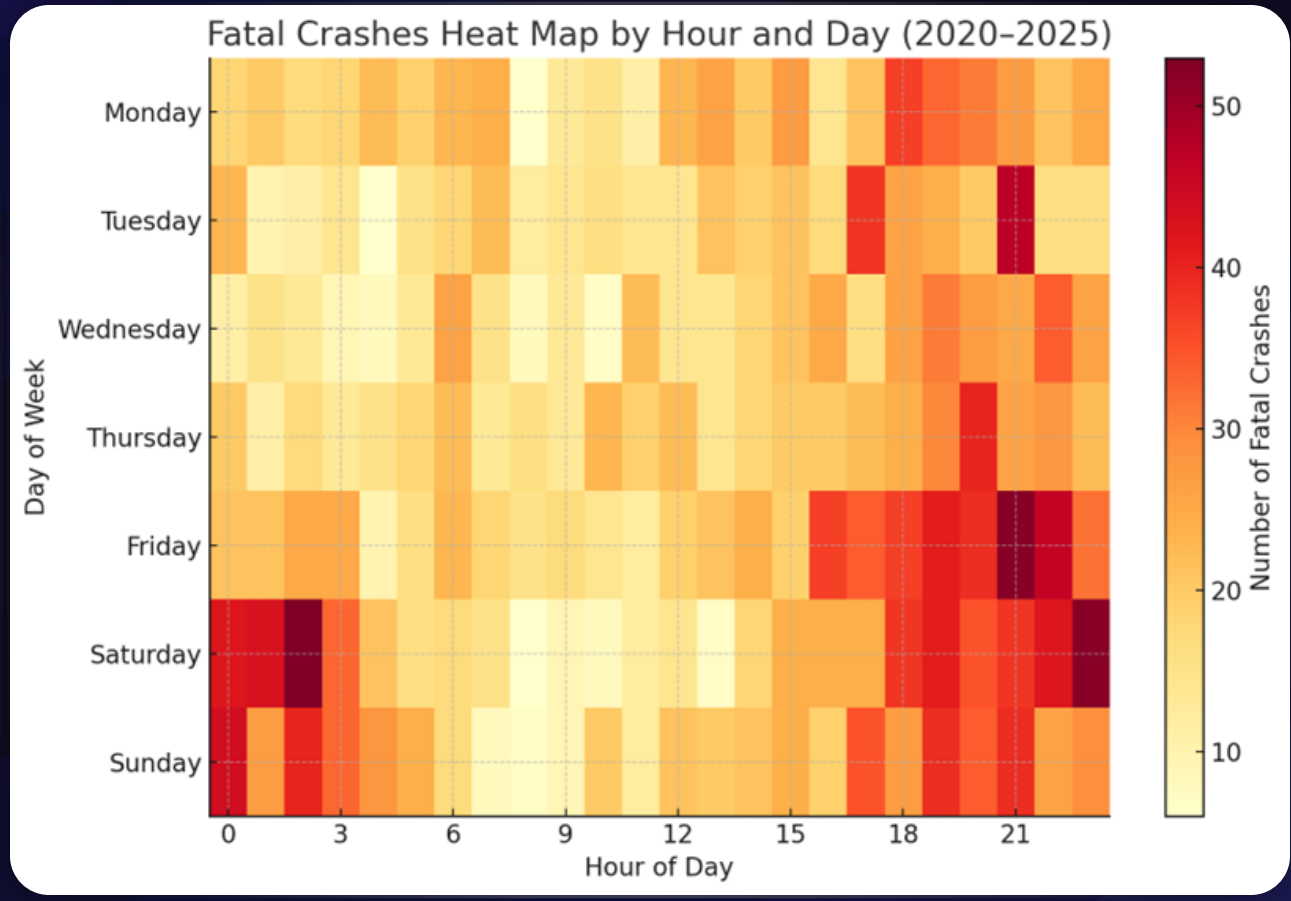


Contributing Factors

- Total of 128 traffic fatalities in 2025, with 82 (64%) on Oʻahu.
- Roughly 70% of the fatalities involved vulnerable road users (pedestrians, bicyclists, and motorcyclists).
- Approximately 90% of the fatalities showed signs of risky or negligent behavior (note: some crashes involved multiple behaviors).
  - Lack of safety equipment usage: 48
    (No seatbelt – 20, no helmet – 28)
  - Speed: 47
  - Improper driver actions: 27
  - Improper pedestrian actions: 25
  - Impairment: 26
  - Hit and Run: 15

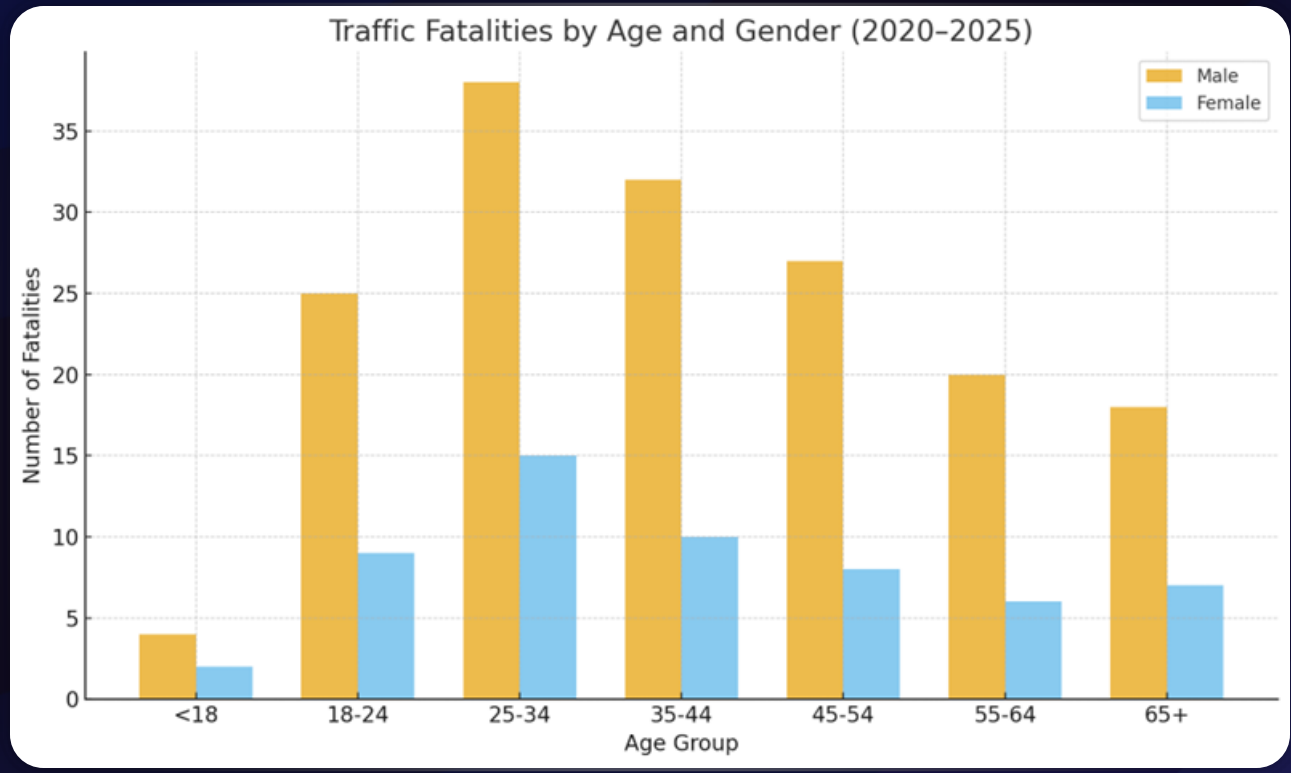
Other Factors: Day/time

- Time of Day: Most fatal crashes occur during nighttime (6 pm–midnight) and early morning (midnight–6 am) hours.
- Weekend Patterns: Highest fatal crashes on Saturday and Sunday evenings, and early mornings (1:00–3:00 am).
- Weekday Patterns: Morning commutes have the lowest fatalities, but Tuesday and Thursday evenings show higher numbers.



Other Factors: Driver age/ Gender

- Males account for 78% of all fatalities and over 90% of motorcyclist deaths.
- Males aged 18-34 represent a high concentration of fatalities.
- Kūpuna ages 65 and over represent 39% of all pedestrian deaths.



Patterns in historical data

- Urban Nighttime Pedestrian Incidents: Significant fatalities in urban Honolulu, involving dusk to dawn hours and high speeds.
- Rural Single-Vehicle Crashes: Frequent among drivers or motorcyclists speeding or impaired, especially on weekends.
- Evening Multi-Occupant Crashes: Often involve both driver and passenger fatalities, highlighting the risks of group travel at night.
- Daytime Bicyclist Fatalities: Commonly occur during commuting hours on O‘ahu, often involving turning collisions or high-speed overtaking.
- Emerging Risks: Growing number of fatalities involving e-bikes and e-scooters.


Illegal crossing


Speed


Underage e-bike operator, no helmet


Speed, Fatigue








Engineering Toolbox

- Horizontal Deflection (roundabout)
- Gateways
- Vertical Deflection (speed humps)
- Advisory Speed Limit
- Rumble Bars
- Lane Narrowing/Traverse Shoulder Striping

Enhancing Vertical Deflections (speed humps/raised crosswalks)

- Identify sites with pedestrian safety needs such as unsignalized crossings, school routes, and beginning of corridor with pedestrian attractions
- Conduct speed studies comparing average speeds to posted speed limit
- Use vertical deflections when average speed exceeds posted by 5-10 mph or physical calming is needed
- Pair with RRFB/street light units to enhance the vertical deflection when:
    - It would enhance visibility
    - Vertical deflection is on a school route
    - Nighttime activation is likely







5 Year Priority Multimodal Network

- Complete 5-Year Priority Multimodal Network in partnership with the Counties
- Fills critical gaps in transit, pedestrian & bike networks
- GIS Map of all projects is available on HDOT website (go to the Energy Community & Culture portal linked on the main page)

Red-Light/Speed Safety Cameras

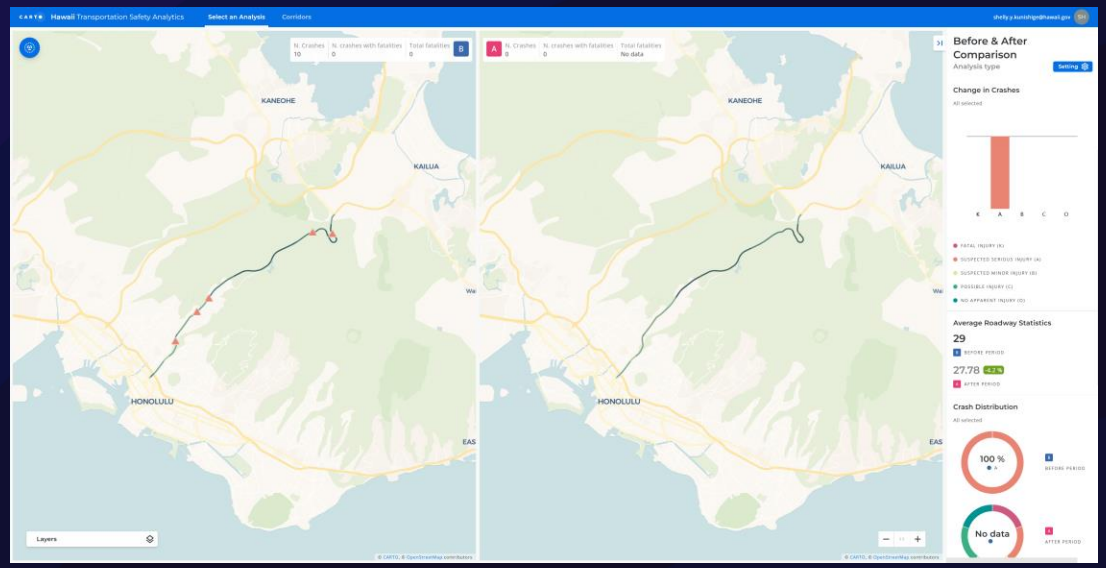
Expansion of the next 10 sites is planned to start late 2026.

Criteria used for site selection:

- Nine or more crashes involving disregard of a traffic control device over the past five years of available data
- Site is within the Honolulu court district (may expand if SB3157 is signed)
- Site meets constructability requirements



Safety Analytics



- Refining analytics tool with Google to identify areas for countermeasures
- Phase 3 will add gen AI to allow queries such as areas with increased crash risk (recurrent slowdowns, queues spilling onto freeways, speeding leading into merges) in real time instead of relying on historical crash data.



- Statewide safe-driving initiative to reduce crashes and save lives.
- Free app (iOS/Android) that rewards distraction-free, responsible driving.
- Earn points for safe choices: no phone use, obeying speed limits, driving with aloha.
- Download at saferoadschallenge.com; allow location & motion “always” so trips record automatically.
- Join Hawai‘i’s team and compete with friends under Friends → My Personal Stats.
- Scores 80+ earn entries toward rewards; view challenges under Teams → Hawai‘i Safe Roads Challenge.



Mahalo

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