



OAHU METROPOLITAN
PLANNING
ORGANIZATION

Policy Board Meeting

April 29, 2024



I. Introductions/Roll Call



II. Approval of March 28, 2024 Meeting Minutes



III. Reports



IV. Old Business



V. New Business
A. Highway Safety Performance
Measure Targets 2020-2024

Federally Required Transportation Performance Measures

- Performance Measure 1: Highway Safety
- Performance Measure 2: Infrastructure Condition
- Performance Measure 3: System Performance
- Performance Measure 4: Transit Asset Management
- Performance Measure 5: Transit Safety

(23 CFR 490)

Performance Measure 1: Highway Safety

Five data to be reported:

1. Number of Fatalities
2. Rate of Fatalities
3. Number of Serious Injuries
4. Rate of Serious Injuries
5. Number of Non-Motorized Fatalities and Serious Injuries

(23 CFR 490.207(a))

OahuMPO Target Setting - Based on Vision Zero

Why:

- State of Hawaii has adopted a Vision Zero Policy (Act 134)
- In 2023, OahuMPO Policy Board adopted Vision Zero targets for Performance Measure 1
- This year, OahuMPO Policy Board endorsed a Vision Zero Goal for the ORTP 2050
- Other methods proposed in previous year did not yield sufficiently decreasing targets

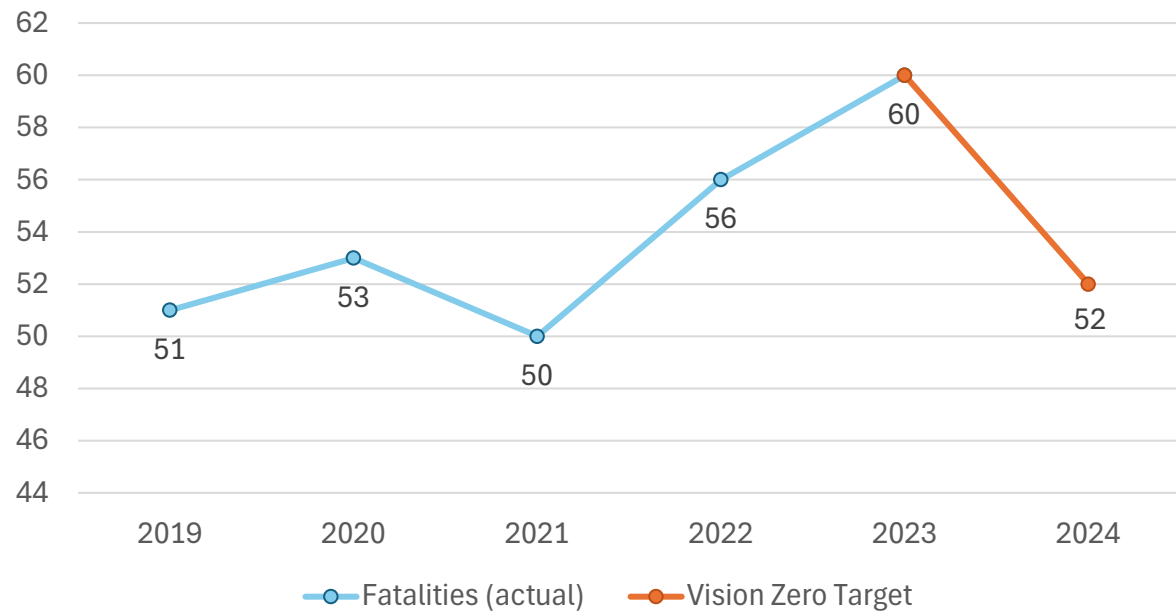
How:

- MPO Staff used the 5-year average (of Oahu numbers) then determined the number or rate decrease needed to reach zero fatalities or serious injuries by 2045
- Example:
 - Average number of fatalities between 2019-2023 (5-year average): 54
 - Reductions needed per year = Number of fatalities divided by Number of years until 2045
 - **2.5 reduction in fatalities per year**
 - 2024 target = 5-year average of fatalities minus the reduction needed per year
 - **52 fatalities in 2024**

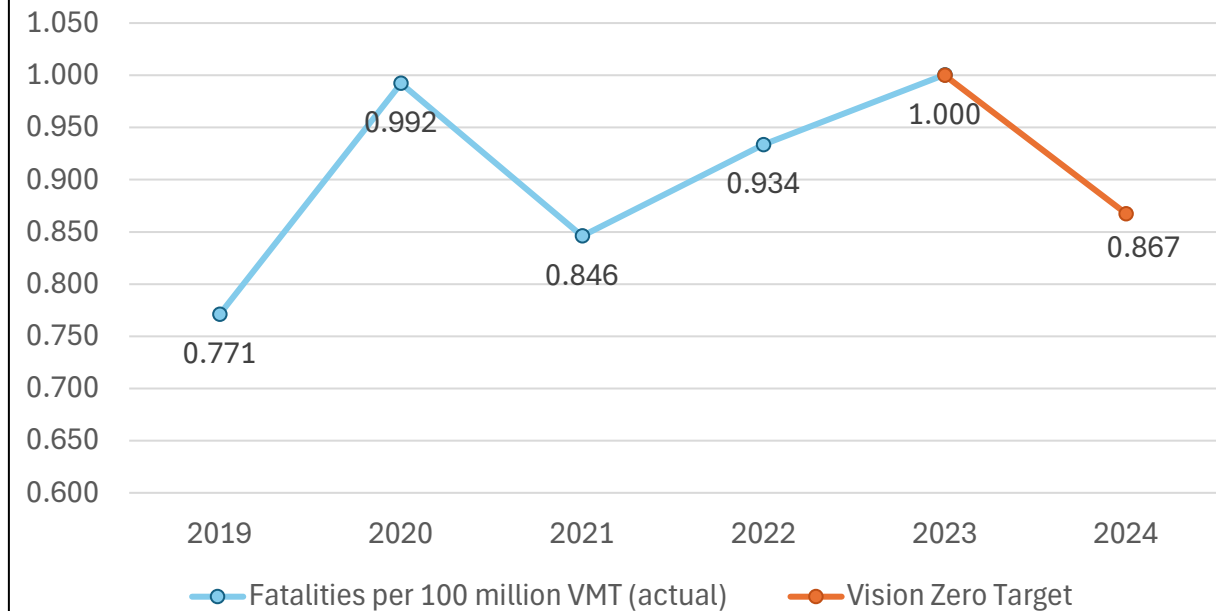


Number and Rate of Fatalities

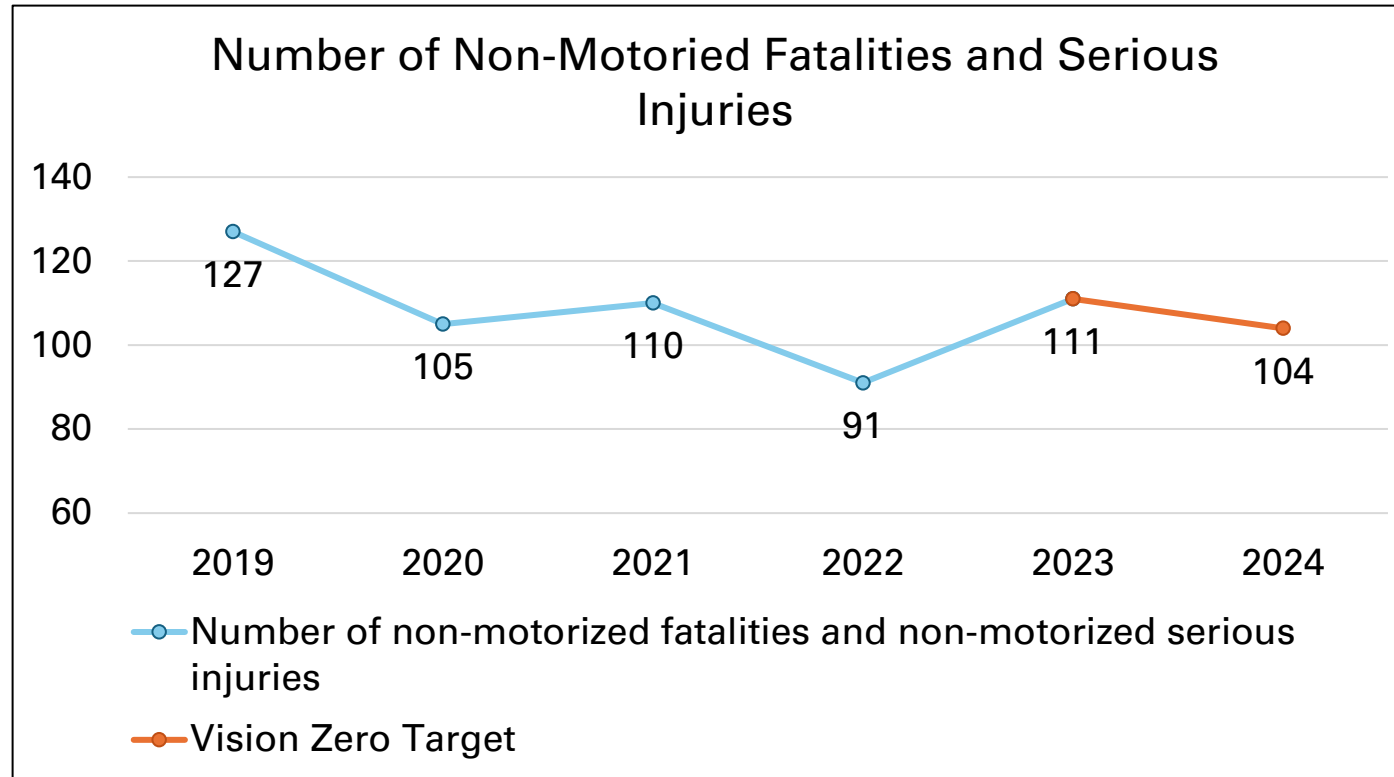
Number of Fatalities



Rate of Fatalities

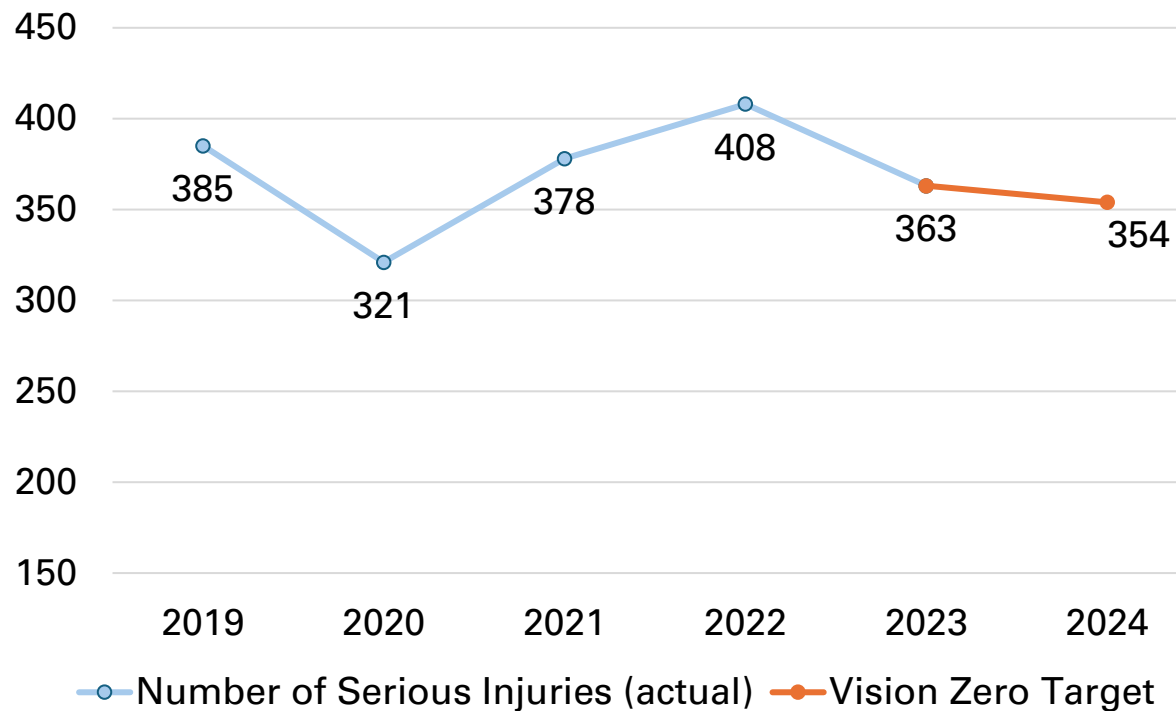


Number of Non-Motorized Fatalities and Serious Injuries

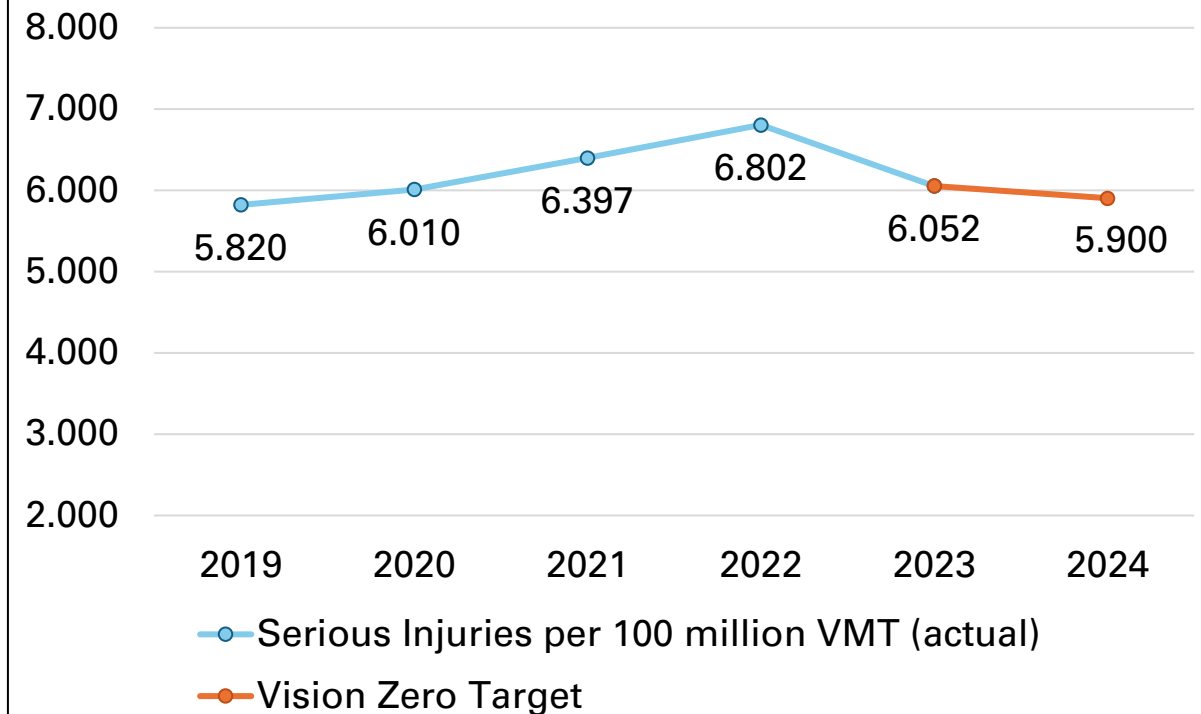


Number and Rate of Serious Injuries

Number of Serious Injuries



Rate of Serious Injuries



Summary of 2024 Targets

Target	Hawaii (HDOT) 2024 Safety Goal	Oahu 2019	Oahu 2020	Oahu 2021	Oahu 2022	Oahu 2023	Vision Zero Goal 2024
Number of Fatalities	105	51	53	50	56	60	52
Rate of Fatalities	1.05	0.771	0.992	0.846	0.934	1.00	0.867
Number of Serious Injuries	545.6	385	321	378	408	363	354
Serious Injuries per 100 million VMT	5.474	5.820	6.010	6.397	6.802	6.052	5.934
Number of non-motorized fatalities and non motorized serious injuries	122.8	127	105	111	91	111	104

How the Targets will be Used

- Evaluate how program funds can assist in accomplishing targets
- Use planning funds to investigate safety needs and corresponding solutions
- Describe how the OahuMPO planning area has performed on safety targets in the ORTP
- Guide evaluation of projects in the TIP in how they can contribute to improving safety
- Work with partners to address areas of concern for fatalities and serious injuries

Requested Action: Approve proposed safety targets for the number and rate of fatalities and serious injuries in addition to the number of non-motorized serious injuries and fatalities following a Vision Zero by 2045 target



**V. New Business
B. 2024 Transit Asset Management
(TAM) Performance Measure Targets**

DTS FY 2024 Transit Asset Management (TAM) Performance Targets

- Targets updated annually and set to reflect anticipated condition of DTS' transit vehicles, facilities, and infrastructure during the following fiscal year
- Federal Transit Administration (FTA) TAM Performance Measures:
 - Revenue Vehicles: Percentage of revenue vehicles that meet or exceed useful life benchmark
 - Service Vehicles: Percentage of service vehicles that meet or exceed useful life benchmark
 - Facilities: Percentage of facilities rated below 3 on the condition scale (scale of 1 to 5, ranging from 1=poor to 5=excellent)
 - Infrastructure: Average length of fixed guideway directional route mileage under performance restriction
- Revenue/Service Vehicles: A higher value would indicate that we anticipate a higher proportion of our vehicles will have reached or exceeded their useful life benchmark (i.e. the proportion of buses that will be 14 years old or older, etc.)
- Facilities: A higher value would indicate that we anticipate a higher proportion of our facilities will be in poor or marginal condition (condition rating of 1 or 2)
- In general, higher values are reflective of degrading asset condition/performance, and lower values reflect sustained asset condition/performance

DTS FY 2024 Transit Asset Management (TAM) Performance Targets

Performance Measure	FY 2023 Target (%)	FY 2023 Performance (%)	FY 2024 Target (%)
Percentage of revenue vehicles that have met or exceeded their useful life benchmark			
Articulated Bus	17.12	17.12	28.00
Bus	29.27	29.27	28.00
Cutaway	38.74	38.54	28.00
Van	100.00	88.89	100.00
Heavy Rail Passenger Car	N/A	N/A	0.00
Percentage of service vehicles that have met or exceeded their useful life benchmark			
Automobiles	100.00	88.24	65.00
Trucks and Other Rubber Tire Vehicles	31.34	28.75	42.00
Steel Wheel Vehicles	0.00	0.00	0.00
Percentage of facilities rated below 3 on the condition scale			
Passenger and Parking Facilities	0.00	0.00	0.00
Administrative and Maintenance Facilities	0.00	0.00	0.00
Percentage of rail fixed guideway under performance restrictions (Segment 1 only)	0.00	0.00	0.00

Requested Action: Approve DTS' Transit Asset Management Performance Measure Targets and direct OahuMPO staff to incorporate them into the metropolitan transportation planning process.



**V. New Business
C. Prioritization Process Pilot Program
(PPPP) Grant Application**

Prioritization Process Pilot Program (PPPP) Grant Application

What is the PPPP grant:

- 100% federal grant (no local match needed) through the Federal Highway Administration
- Would help us improve the project selection process for the Oahu Regional Transportation Plan and Transportation Improvement Program

How will funds be used:

- Develop and implement an improved project prioritization and selection process
 - Publicly accessible, transparent, and data-driven
- Collect and analyze additional relevant data
- Engage with stakeholders and the community

Amount being requested: \$1,229,130.40

- 100% federal funds – no match required



Requested Action: Direct the MPO staff to submit the PPPP grant application.



V. New Business

D. Overall Work Program (OWP) Presentation: Planning for Improved Resilience to Coastal Hazards through Green Infrastructure

Requested Action: Approve the presentation as evidence that the work was carried out, submit documentation of the work completed to the USDOT for approval, and incorporate study findings into the metropolitan transportation planning process.



**VI. Invitation to interested members of the public to
be heard on matters not included on the agenda**



VII. Announcements



VIII. Adjournment