Oahu Regional Transportation Plan 2050

Goals, Objectives, and Performance Measures

Approved by the OahuMPO Policy Board on March 28, 2024

OAHU METROPOLITAN PLANNING ORGANIZATION

Goal	Objective	Performance Measure (F) indicates federally required	Federal Planning Factor(s)
Goal 1: Reduce serious injuries and traffic deaths to zero	1.1 Prioritize safety in the planning, design, and selection of projects	1.1.1. Number of fatalities (F)	Increase the safety of the transportation system for motorized and nonmotorized users.
		1.1.2. Number of serious injuries (F)	
		1.1.3. Rate of fatalities (F)	
		1.1.4. Rate of serious injuries (F)	
		1.1.5. Number of non-motorized fatalities (F)	
		1.1.6. Number of non-motorized serious injuries (F)	
	1.2 Reduce Dangerous Driving Behaviors	1.2.1. Percent of crashes involving impaired driving	
		1.2.2. Percent of crashes involving speeding	
		1.2.3. Percent of crashes involving reckless driving	
		1.2.4. Percent of crashes involving distracted driving	
	1.3 Implement safety plans for transit	1.3.1. Number of fatalities by transit mode (F)	
		1.3.2. Rate of fatalities by transit mode per 100,000 Vehicle Revenue Miles (F)	
		1.3.3. Number of injuries by transit mode (F)	
		1.3.4. Rate of injuries by transit mode per 100,000 Vehicle Revenue Miles (F)	
		1.3.5. Number of safety events by transit mode (F)	
		1.3.6. Rate of safety events by transit mode per 100,000 Vehicle Revenue Miles (F)	

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Goal 2: Enhance the transportation network to increase active and public transportation	2.1 Increase the number of people who walk and bike	2.1.1. Percent of people who walk or bike to work	Support the economic vitality of the metropolitan area, especially by enabling global competitiveness, productivity, and efficiency. Increase the accessibility, and mobility of people and for freight. Protect and enhance the environment, promote energy conservation, improve the quality of life, and promote consistency between transportation improvements and State and local planned growth, housing, and economic development pattern. Enhance travel and tourism.
		2.1.2. Percent of teens that walk, bike, or wheelchair to school	
		2.1.3. Monthly average bike and pedestrian counts	
	2.2 Increase the number of people who utilize transit.	2.2.1. Transit ridership per capita	
		2.2.2. Percent of people who live within a 10-minute walk to a rail station	
		2.2.3. Percent of people who work within a 10-minute walk to a rail station	
		2.2.4. Percent of people who live within a 5-minute walk to a bus stop	
		2.2.5. Percent of people who work within a 5-minute walk a bus stop	
	2.3 Reduce the percentage of people driving alone	2.3.1. Percent of people driving to alone to work	

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Goal 3: Provide an equitable and affordable transportation system	3.1 Invest in Title VI and Environmental Justice Areas	3.1.1. Per capita project expenditures spent on transit or active transportation in Title VI/Environmental Justice Areas	Support the economic vitality of the metropolitan area, especially by enabling global competitiveness, productivity, and efficiency. Protect and enhance the environment, promote energy conservation, improve the quality of life, and promote consistency between transportation improvements and State and local planned growth, housing, and economic development pattern. Increase the accessibility, and mobility of people and for freight.
	3.2 Provide transit access to assist in reducing household transportation costs	3.2.1. Share of housing and transportation costs as a percentage of income (County)	
		3.2.2. Percent of households living in areas lacking housing and transportation affordability	

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Goal 4: Adapt Oahu's transportation network to be resilient to the effects of climate change	4.1 Address the vulnerability of Oahu's surface transportation facilities caused by sea level rise	4.1.1. Miles of Sea Level Rise Potential Flooded highways under 3.2-foot scenario	Protect and enhance the environment, promote energy conservation, improve the quality of life, and promote consistency between transportation improvements and State and local planned growth, housing, and economic development patterns. Improve the resiliency and reliability of the transportation system and reduce or mitigate stormwater impacts of surface transportation. Enhance travel and tourism. Increase the security of the transportation system for motorized and nonmotorized users.
	4.2 Provide redundant emergency access, especially in singular access communities.	4.2.1. Percent of population lacking redundant emergency vehicular access/egress	Increase the safety of the transportation system for motorized and nonmotorized users. Increase the security of the transportation system for motorized and nonmotorized users. Protect and enhance the environment, promote energy conservation, improve the quality of life, and promote consistency between transportation improvements and State and local planned growth, housing, and economic development patterns. Improve the resiliency and reliability of the transportation system and reduce or mitigate stormwater impacts of surface transportation.

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Goal 5: Invest in maintenance to preserve transportation facilities	5.1 Ensure roadways and bridges are in good condition.	5.1.1. Percent of Interstate pavement lane miles in good condition (F)	Increase the security of the transportation system for motorized and nonmotorized users. Enhance the integration and connectivity of the transportation system, across and between modes, for people and freight. Promote efficient system management and operation. Emphasize the preservation of the existing transportation system. Enhance travel and tourism.
		5.1.2. Percent of Interstate pavement lane miles in poor condition (F)	
		5.1.3. Percent of non-Interstate NHS pavement lane miles in good condition (F)	
		5.1.4. Percent of non-Interstate NHS pavement lane miles in poor condition (F)	
		5.1.5. Percent of NHS bridges in good condition (F)	
		5.1.6. Percent of NHS bridges in poor condition (F)	
	5.2 Ensure transit vehicles and facilities are in good condition.	5.2.1. Percent of transit revenue vehicles that have met or exceeded their useful life benchmark (ULB) (F)	
		5.2.2. Percent of transit non-revenue, support-service, and maintenance vehicles that have met or exceeded their useful life benchmark (ULB) (F)	
		5.2.3. Percent of transit facilities rated below condition 3 on the Transit Economic Requirements Model (TERM) scale (F)	
		5.2.4. Percent of (transit) inspections completed on time	

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Goal 6: Integrate land use and transportation planning to provide a reliable and efficient multimodal transportation system	6.1 Improve coordination between land use and transportation.	6.1.1. Percent of population living in transit-oriented development zones	Increase the accessibility, and mobility of people and for freight. Protect and enhance the environment, promote energy conservation, improve the quality of life, and promote consistency between transportation improvements and State and local planned growth, housing, and economic development patterns.
		6.1.2. Percent of population working in transit-oriented development zones	
	6.2 Improve transit reliability	6.2.1. Percent of transit trips (completed) on time	
		6.2.2 Mean distance between major mechanical failures (vehicle-revenue miles/failures) (F)	
	6.3 Improve the reliability and efficiency of highways freight networks.	6.3.1. Percent of Persons-Miles Travelled on the Interstate that are reliable (F)	Increase the security of the transportation system for motorized and nonmotorized users. Promote efficient system management and operation. Emphasize the preservation of the existing transportation system.
		6.3.2. Truck Travel Time Reliability (TTTR) on the Interstate System (F)	
		6.3.3. Percent of Persons-Miles Travelled on the Non-Interstate NHS that are reliable (F)	

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Goal 7: Achieve state and county commitments to the environment, health, and culture in the development, maintenance, and operation of the transportation system	7.1 Reduce greenhouse gas emissions from surface transportation.	7.1.1. Percent of City transit fleet that is zero-emission vehicles	Protect and enhance the environment, promote energy conservation, improve the quality of life, and promote consistency between transportation improvements and State and local planned growth, housing, and economic development patterns.
		7.1.2. Percent of registered vehicles that are electric	
		7.1.3. Percent change in tailpipe carbon dioxide (CO_2) emissions on the National Highway System (NHS) compared to the reference year of calendar year 2022	
	7.2 Support active living by increasing mileage of sidewalks and bike facilities	7.2.1. Miles of bikeways (bike lanes, protected bike lanes, and shared use paths)	Increase the accessibility, and mobility of people and for freight. Enhance travel and tourism.
		7.2.2. Miles of walkways	Protect and enhance the environment, promote energy conservation, improve the quality of life, and promote consistency between transportation improvements and State and local planned growth, housing, and economic development patterns. Enhance the integration and connectivity of the transportation system, across and between modes, for people and freight.