

## Summary comparison of Plan Bay Area performance metrics for EEJ and Proposed Plan scenarios

Category		Difference Between EEJ (Alt. 5) and Proposed Plan (Alt. 2) in 2040 <sup>a</sup>	Units	
Draft Plan pg 116. Table 4: Target Analysis: Plan Bay Area EIR Alternatives for Year 2040	Reduce per-capita CO2 emissions from cars and light-duty trucks	-1,900	*TOTAL Regional CO2 Emissions From Passenger Vehicles: Tons/Day*	
	Reduce premature deaths from exposure to fine particulates (PM 2.5)	-2	Deaths/Year	
	Reduce coarse particulate emissions (PM 10)	-2.1	Tons/Day	
		-624	Tons/Year <sup>b</sup>	
	Reduce the number of injuries and fatalities from all collisions	-760	People/Year	
	Increase the average daily time walking or biking per person for transportation	0.3	Minutes/Person/Day	
		251	*Regional aggregate hours active transportation per day*	
	Decrease the share of low-income and lower-middle income residents' household income consumed by transportation and housing	HOUSING ONLY		
		< \$38K (\$)	-\$70	Dollars/Month
			-\$79,202,000	*Regional Aggregate dollars per month for low income households*
		< \$38K (%)	-4%	% Income
		\$38K to \$76K (\$)	-\$1	Dollars/Month
			-\$13,838,000	*Regional Aggregate dollars per month for lower-middle income households*
		\$38K to \$76K (%)	0%	% Income
HOUSING + TRANSPORTATION				
< \$38K (\$)	-\$28	Dollars/Month		
	-\$41,747,000	*Regional Aggregate dollars per month for low income households*		
< \$38K (%)	-1%	% Income		
Increase non-auto mode share	1%	Percent of Trips		
	107,970	Daily Non-Auto Person-Trips		
Decrease automobile vehicle miles traveled (VMT) per capita	-3,460,000	*TOTAL Regional Vehicle Miles Travelled*		
Draft Plan page 117. Table 5: Results of Plan Bay Area Equity Analysis for EIR Alternatives, 2010-2040	Potential for Displacement: Share of today's overburdened-renter households located in high-growth areas	Communities of Concern	-12,696	NUMBER of today's overburdened-renter households located in high-growth areas
		Remainder of Region	-3,117	
		Total	-15,812	
Draft EIR	Total Per Capita Energy Use (Direct and Indirect, Land Use and Transportation)		-1,476	BTU/ Person/ Day
			-67,915,818,000	*Regional Aggregate BTU per Day*
	Vehicles In Use		-83,536	Total Vehicles in Region
	TRANSIT			
	Transit Seat Miles		11,030,000	Seat-miles per day
	Daily Transit Boardings		165,000	Boardings/Day
	Transit Commute Trips <sup>c</sup>		65,184	Regional Trips/Day
	Transit Commute Travel Time <sup>d</sup>		-0.4	Minutes/Trip
			-507,003	*Regional Aggregate Minutes per day*
	Transit Non-Commute Trips <sup>e</sup>		-10,304	Regional Trips/Day
	Transit Non-Commute Travel Time		-0.2	Minutes/Trip
			-190,496	*Regional Aggregate Minutes per day*
	WALKING			
	Walking Commute Trips <sup>c</sup>		14,176	Regional Trips/Day
	Walking Commute Travel Time <sup>d</sup>		0.1	Minutes/Trip
			24,502	*Regional Aggregate Minutes per day*
	EMISSIONS			
	Transportation Emissions Estimates for Criteria Pollutants	ROG	-0.7	Tons/Day
			-210	Tons/Year <sup>b</sup>
		CO	-4.3	Tons/Day
			-1,290	Tons/Year <sup>b</sup>
		PM10	-0.7	Tons/Day
			-210	Tons/Year <sup>b</sup>
		PM2.5	-0.1	Tons/Day
			-30	Tons/Year <sup>b</sup>
		NOx (Summertime)	-0.9	Tons/Day
		NOx (Wintertime)	-0.9	Tons/Day
	NOx Avg. Annual	-270	Tons/Year <sup>b</sup>	
	Total	-7	Tons/Day	
		-2,010	Tons/Year	
Transportation Emissions Estimates for Toxic Air Contaminants	Diesel PM	-15.6	Kilograms/Day	
	1,3 Butadiene	-0.8	Kilograms/Day	
	Benzene	-3.1	Kilograms/Day	
	Total	-19.5	Kilograms/Day	
	-6.4	Tons/Year <sup>b</sup>		
Total Regional GHG Emissions		-568,000	Metric Tons CO2e / Year	
FLOODING RISK				
Number of Proposed Transportation Projects Within the Mid-Century Sea Level Rise Inundation Zone		-11	Number of Projects	
		\$ -1.25 Billion	*Estimated Value of (11) Fewer Projects*	
Number of Proposed Transportation Projects Within the Mid-Century Low-Lying Zone		-6	Number of Projects	
		\$ -1.28 Billion	*Estimated Value of (6) Fewer Projects*	
Residents within the Mid-Century Sea Rise Inundation Zone		-12,220	People	
Residents within the Mid-Century Low-Lying Zone		-17,900	People	
Employment within the Mid-Century Sea Rise Inundation Zone		-13,360	Jobs	
Employment within the Mid-Century Low-Lying Zone		-15,660	Jobs	

<sup>a</sup>Negative values indicate that a given metric is lower in the EEJ scenario than the Proposed Plan.

<sup>b</sup>All conversion of emissions from "per day" to "per year" assume a multiplier of 300 to maintain consistency with the Draft EIR, as specified in DEIR Table 2.5-5.

<sup>c</sup>Number of commute trips was calculated as twice the number of commute tours by mode (either all transit modes or walk).

<sup>d</sup>Changes in regional aggregate minutes per day were calculated using the EEJ scenario's number of trips/day, but scenario-specific values of travel time.

<sup>e</sup>Number of non-commute trips was calculated as the number of trips whose purpose was not work.

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