

Appendix K: Title VI and Environmental Justice Analysis

To evaluate the equity of the proposed spending in FFYs 2022-2045, OahuMPO analyzed proposed investments in T6/EJ population areas. Census Block Groups (BG) are used as the geographical unit for the analysis. Block groups are then classified as either T6/EJ or non-T6/EJ areas according to the racial minority and income of the population in the given area. Then based on all the planned project's locations and cost estimates, the analysis calculates the total investment, and average per capita investment, by Census block group (BG). The per capita investment in T6/EJ BGs is compared to the per capita investment in non-T6/EJ. The results of the analysis show that 23% of the block groups are designated as T6/EJ BGs and about 30% of the plan's investments would occur in these BGs. The average per capita investment is \$11,595 and \$11,853 in T6/EJ and non-T6/EJ areas, respectively, which is a \$258 (2%) difference.

Table K.1: Analysis Results

	T6/EJ Block Groups	Non-T6/EJ Block Groups
Average Investment by Block Group	24.9 M	17.3 M
Total Cost of Projects	3354.8 M	7868.8 M
% Project Investment	29.9%	70.1%
Total Population	289,321	663,886
Average Per Capita Investment	\$11,595	\$11,853
Total Difference (Non-T6/EJ vs T6/EJ)	-\$258	
% Difference (Non-T6/EJ vs T6/EJ)	-2%	

Table K.2 Number of T6/EJ and Non-T6/EJ Block Groups

	Number of Block Groups	%
Non-T6/EJ Block Groups	454	77
T6/EJ Block Groups	135	23
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T6/EJ Breakdown:		
Based on race (minority)	105	
Based on low income	60	
Double counted (counted as both minority & low income)	-30	
Sum	135	

Figure K.1: Total Per Capita Spending Planned – ORTP 2022-2045

Total Per Capita Spending Planned - ORTP 2022 - 2045

