



Transportation System

Population: California Department of Finance, [July Population Estimates](#), 2023

Jobs: Bureau of Labor Statistics (BLS), [Quarterly Census of Employment and Wages](#), 2023

Transit Performance: All values are estimated by operators for Fiscal Year 2022-2023 performance in Alameda County specifically, unless noted otherwise. Operator systemwide totals (which align with the National Transit Database) are used where Alameda County-specific estimates are not available.

Vehicle Delay & Miles Traveled: Caltrans [Performance Measurement System](#) (PeMS), Alameda County Average Annual Daily VHD and VMT, 2023

Congestion, Auto Speeds: Alameda CTC [2022 Multimodal Monitoring Report](#)

Bridge Auto Volumes: Bay Area Transportation Authority (BATA), 2023 Average Annual Daily Traffic

Commute Mode Share & Time: US Census, American Community Survey, 1-Year Estimates, 2019–2022

Collisions: UC Berkeley, Safe Transportation Research and Education Center, [Transportation Injury Mapping System](#), Collisions 2012–2022, Alameda County

Oakland Airport: [Federal Aviation Administration](#), Qualifying Cargo Airports, 2022

Port of Oakland: [Oakland Seaport Facts & Figures](#), 2023

I-580 Freight: [Caltrans Traffic Census Program](#), 3+ Axles Average Annual Daily Traffic, 2021

Active Transportation Counts: Alameda CTC [2022 Multimodal Monitoring Report](#)

Active Transportation

Bicycle & Scooter Counts: Alameda CTC [2022 Multimodal Monitoring Report](#), Afternoon Peak (4–6PM)

Note: Counts are collected at 150 locations countywide from August through October to reflect average weekday conditions.

Collisions & Speeding: UC Berkeley, Safe Transportation Research and Education Center, [Transportation Injury Mapping System](#), Collisions 2012–2022, Alameda County

Collision Rankings: [California Office of Traffic Safety — OTS Crash Rankings](#), 2021

High-Injury Network & Equity Analysis: Alameda CTC [Countywide Active Transportation Plan](#), 2019

Goods Movement

Port of Oakland: [Oakland Seaport Facts & Figures](#), 2023

Oakland Airport: [Federal Aviation Administration](#), Qualifying Cargo Airports, 2022

Rail Freight: [Rail Strategy Study](#), Alameda CTC, 2018

Highway Freight: [Caltrans Traffic Census Program](#), Truck (3+ Axles) Average Annual Daily Traffic, 2021

Port Truck Trips: Kittelson & Associates, Port of Oakland Long-Term Transportation and Circulation Study: Existing Conditions Report, 2021

Employment: Lightcast & Strategic Economics, East Bay EDA 2023

Freeways

Auto Performance: Alameda CTC [2022 Multimodal Monitoring Report](#)

Commute Mode Share: US Census, American Community Survey, 1-Year Estimates, 2019-2022

Vehicle Delay & Miles Traveled: Caltrans Performance Measurement System ([PeMS](#)), Alameda County Average Annual Daily VHD and VMT, 2023

Collisions & Speeding: UC Berkeley, Safe Transportation Research and Education Center, [Transportation Injury Mapping System](#), Collisions 2012–2022, Alameda County

Highways & Arterials

Auto & Bus Performance: Alameda CTC [2022 Multimodal Monitoring Report](#)

Roadway Miles: U.S. Census Bureau TIGER/Line Roadway Shapefiles as reported in Alameda CTC's [2016 Performance Report: State of Transportation System in Alameda County](#).

Daily Trips: Alameda CTC 2016, [Alameda County Multimodal Arterials Plan](#)

Pavement Condition Index: MTC, [2022 Pavement Condition Summary Report](#), Alameda County

Transit

Emissions by Sector: California Air Resources Board, [GHG Emission Inventory Program \(2023 Edition\)](#)

Transit Performance: National Transit Database (FY2023 provided provisionally by operators). Alameda County-specific values estimated by operators.

Weekend Recovery: AC Transit and BART Board Reports, October 2019 & 2023 (Note: AC Transit Saturday & Sunday Ridership calculated from recovery rates)

Commute Mode Share: US Census, American Community Survey, 1-Year Estimates, 2013, 2019, 2022
