Measuring What Matters: Quantifying Equity and Tying to Budget
The OakDOT Experience
Equity
Align the mechanics of governance with our Values
If your values aren’t tied to your budget, your values don’t matter.
Oakland: Sept 2016 - April 2017:

✓ Parking requirement reform
✓ CEQA traffic analysis reform
✓ DOT Strategic Plan
✓ Org Chart
✓ Equity analysis tools
✓ Parking management reform
✓ $350M Infrastructure bond
✓ Construction project impacts rules
✓ Ryan Russo hired
✓ New capital and operating budgets
✓ Pedestrian Master Plan
OakDOT Equity Tools Links

- Main Landing Page: https://oakbec.s3.amazonaws.com/MapLanding/internal_index.html

- Equity Dashboard: http://oakbec.s3.amazonaws.com/MapLanding/maps/Equity_Dashboard_2.html#

- Capital Improvement Program Equity Analysis: http://oakbec.s3.amazonaws.com/MapLanding/maps/CaplitalImprovementProjectAnalysis.html

- Pedestrian Priority for Traffic Control: https://oakbec.s3.amazonaws.com/MapLanding/maps/PedestrianPriorityforTemporaryTrafficControl.html

Start with Outcome Disparities

- **Health:**
  - Life expectancy
  - Asthma
  - Diabetes
  - Obesity

- **Accessibility**
  - Jobs within 30 minutes
  - Access to food and services

- **Safety**

- **Children’s Issues**

- **Seniors’ Issues**
Life Expectancy, Oakland, Regions

Life Expectancy at Birth
- 83.9 - 86.4
- 81.8 - 83.8
- 76.3 - 81.7
- 74.8 - 76.2

Source: CAPT, with data from Alameda County vital statistics files, 2011-2013.
MTC “Communities of Concern”
Disaggregate Community of Concern Factors

Equity Dashboard

- Race / Ethnicity
- Low Income Population (< 200% of Poverty)
- Limited English Proficiency Population
- Zero-Vehicle Households
- Seniors 75 and Over
- Population with a Disability
- Single-Parent Families
- Cost-burdened Renters
- Youths between 10 and 19
- Youths Under 10
- Disadvantage Index
- Reset
Examine Factors that Align with Outcomes

Equity Dashboard

- Race / Ethnicity
- Limited English Proficiency Population
- Zero-Vehicle Households
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- Resel

Low Income Population
(< 200% of Poverty)
Examine Factors that Align with Outcomes
Convert Flat Map to Heatmap
Weight Different Factors
Analysis

Resilience Analysis

Mobility Analysis
Analysis

Safety

Accessibility

Capital Plan

- Proposed Bikeways
- High Injury Corridors
- High Injury Intersections
- Curb Ramp Compliance Percentage
- Curb Ramps
  - Compliant
  - Non Compliant
- Council Prioritized Repair
- Proposed Paving Plan Remaining
- Proposed Park Prioritization
- I Bond Proposed Projects
- Transportation Projects
  - Fully Funded
  - Prospective
  - Committed
Project Analysis
Linking to Operating Budget: Equity in CityWorks

(Because Management-by-Complaint is Fundamentally Anti-Equity)
Weighted Safety Outcomes
Aggregated Equity Score
Incoming Work Requests Scored
## Open Requests Scored and Sorted

<table>
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<tr>
<th>Address</th>
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Status and Score Pushed to Public
Special thanks:
Brian Kimball: IT
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Christine Daniel: City Administrator’s Office
Darlene Flynn: Dept of Race and Equity

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• DOT Dashboard:  
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