

BayVIZ Feedback + Demo

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Programs

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**METROPOLITAN
TRANSPORTATION
COMMISSION**



Roadmap

- What is BayVIZ?
- BayVIZ User Feedback
- Demo

What is BayVIZ?

- MTC's safety data system, using crash, infrastructure, and demographic data to help city/county staff develop safety plans and identify countermeasures

M T METROPOLITAN TRANSPORTATION COMMISSION

The Bay Area Vision Zero System

Select an area of interest
Choose an option below to draw a custom boundary or enter an address in the search bar.

Select map overlays
Select from the options below to add overlay map layers on your area of interest.

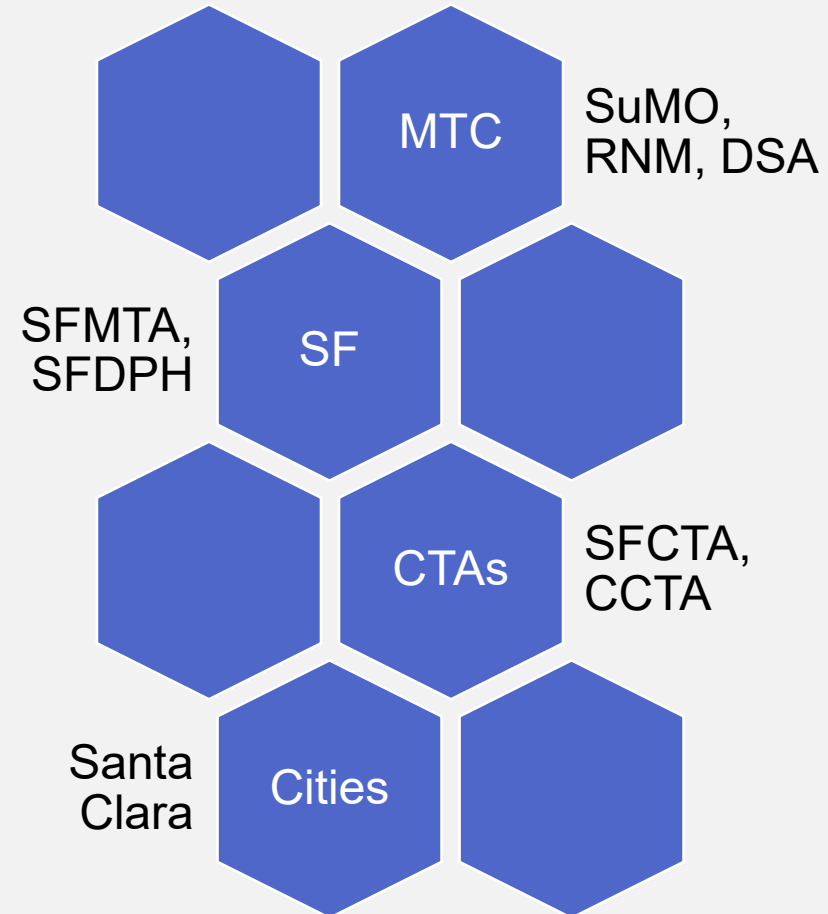
Equity Priority Community

Points of Interest
 Transit Childcare & Adult Care Education
 Health/ Medical Outpatient Parks

Regional High Injury Network
 Limited Access Highways
 Surface Streets

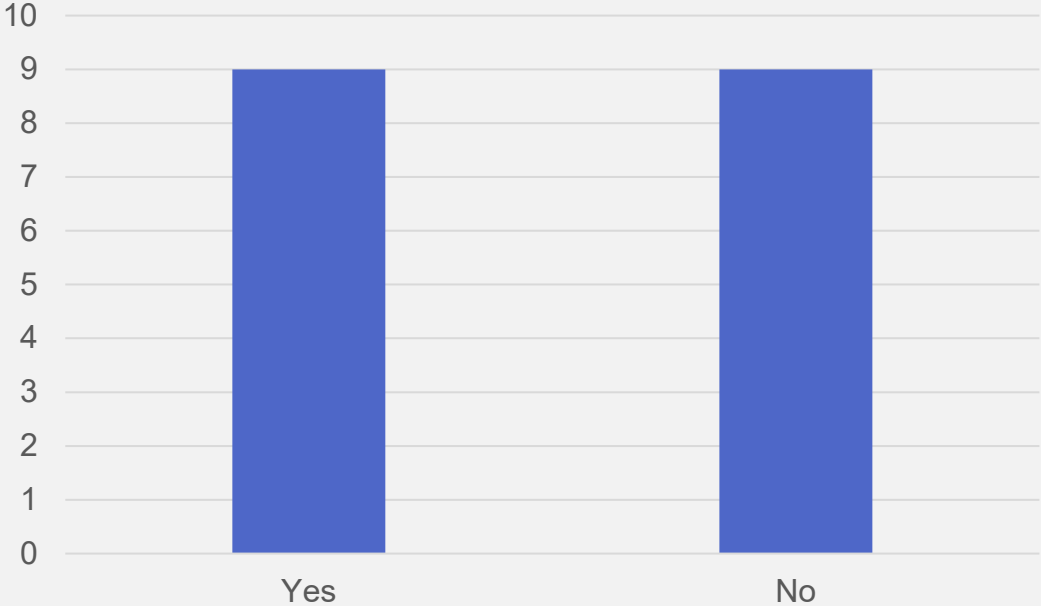
User Feedback Participants

- 18 survey responses
- 7 user feedback interviews
- 1 peer exchange

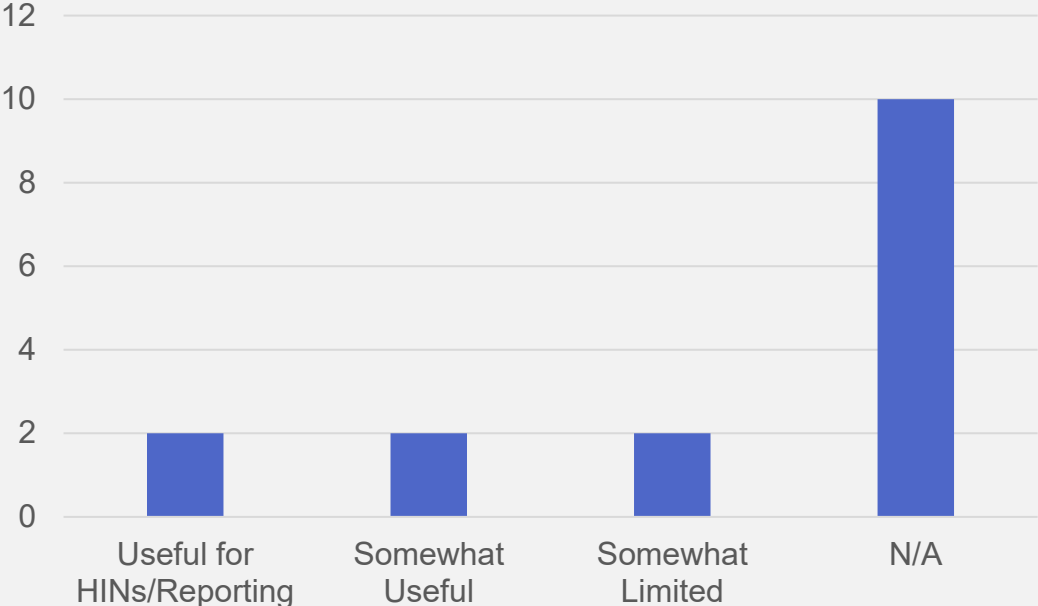


Survey Feedback

Have you used BayVIZ before?



How useful has BayVIZ been?



How BayVIZ is Used

HINs

- Validating locally-developed HINs against regional ones

Economic Impact

- Quantifying the economic cost of collisions

Site-Specific Analysis

- Analyzing specific corridors or intersections

Platform Interface Feedback

Geographic Selection

- Would like to select specific intersections/corridors, as well as unincorporated counties

Exporting Results

- While there's a PDF export feature, you can't export data or HINs

Time Period Selection

- You can't customize the years of analysis

Requesting Dashboards and Verifying Data Sources

- Many users didn't know how to request a password and wanted more info on data sources

Platform Data Feedback

Static Dashboard

- BayVIZ data is updated once a year as opposed to when it's available

Data Sharing

- API feature or automated data sharing would complement tools that cities/CTAs have already developed

Jurisdiction Boundaries

- Fatality statistics should consider Caltrans vs. local jurisdiction
- Electoral districts, air quality zones, etc.

Useful Datasets

- Near miss data
 - Many cities are interested or collect it themselves but requires video analysis which is hard to scale -- harsh braking as a proxy
- Bike and pedestrian count data
 - MTC's Active Transportation team, Regional Big Data Working Group
- Consolidate MTC datasets
 - INRIX, Traffic Incident Management (TIM), TomTom/OpenStreetMap

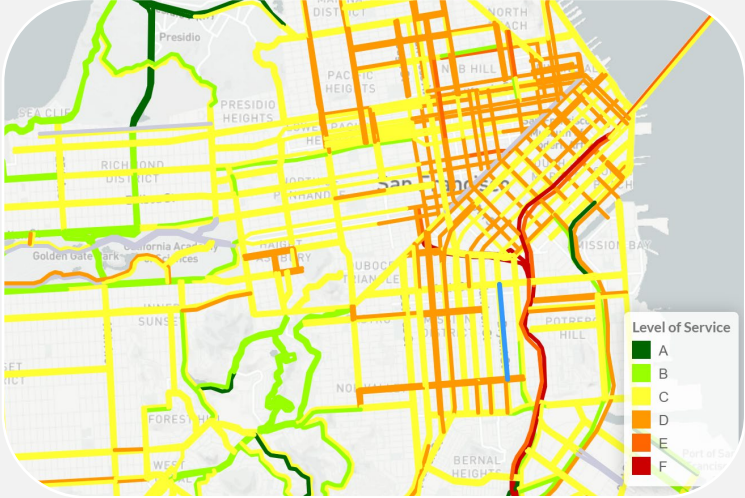
Overall Takeaways

- BayVIZ's development as divided into two buckets:
 - Platform interface (geographic selection, years of interest, dynamic/static)
 - Datasets (proactive indicators, jurisdictional boundaries, counts, exports)
- Sharing MTC's safety data in a streamlined, automated way with city/county staff can help prevent duplicative work
- Caution against building something super bespoke

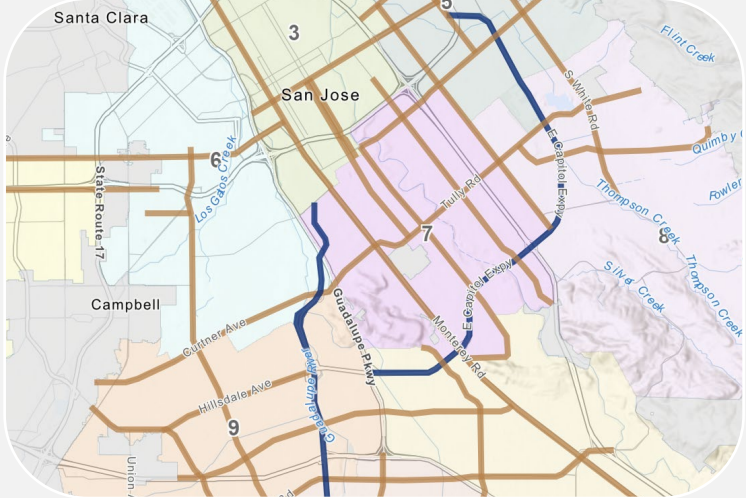
Other Existing Tools



Caltrans SHSP Data [Dashboard](#)



SFCTA Congestion [Dashboard](#)



City of San José Priority Safety [Corridors](#)

Next Steps

- Continue gathering feedback and incorporating it into future development for BayVIZ
- Complete annual data update with updated crash data through 2025, EPCs, infrastructure, etc.
- Pursue an RFP for BayVIZ development within the next year
- Provide regular updates moving forward

BayVIZ Demo

bayviz.mysidewalk.com

Questions?

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