



Regional Data Dashboards



Overview

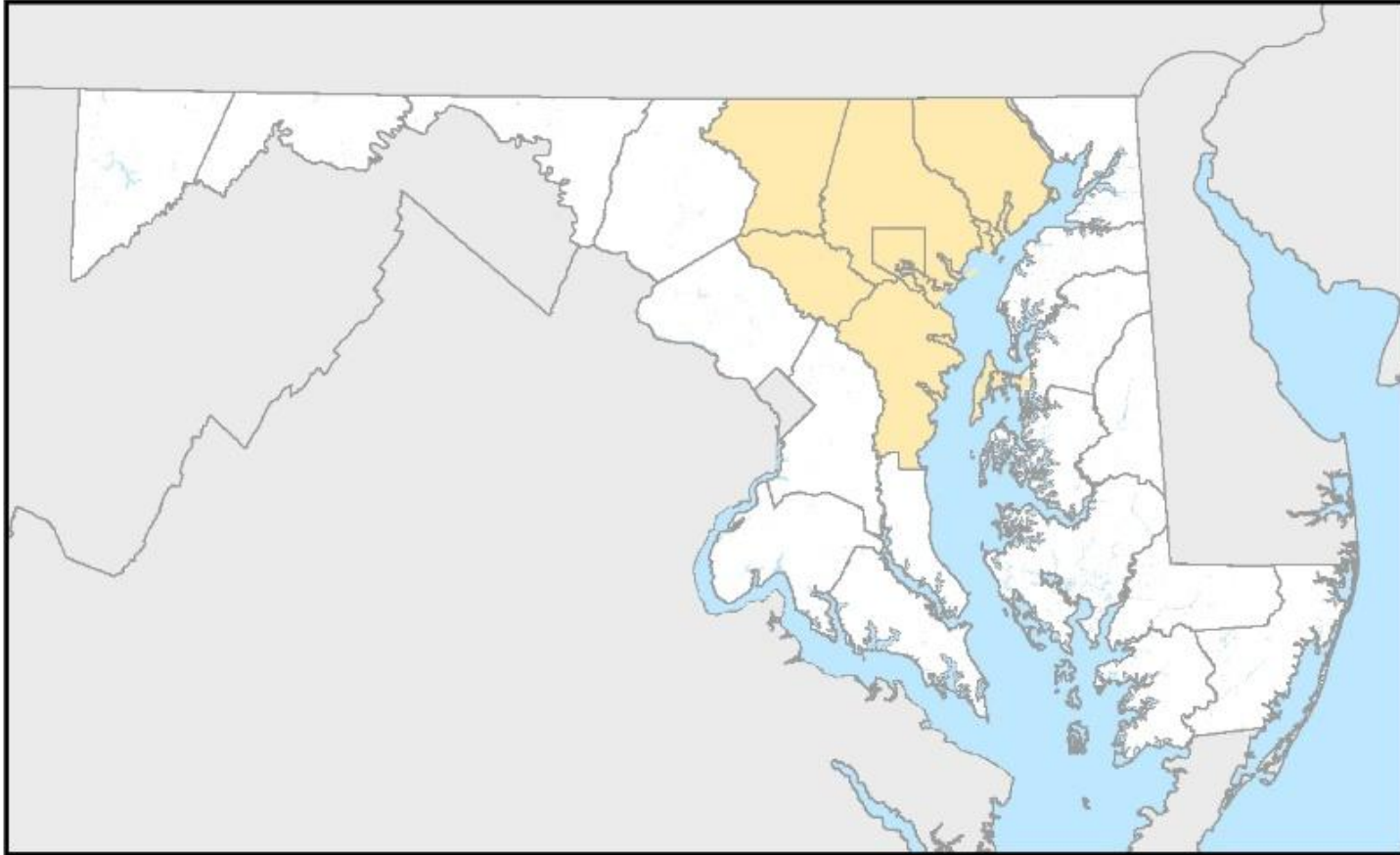
- Metropolitan Planning Organization
- Crash data access in Maryland
- Local safety plans
- Dashboard demonstration

Baltimore Regional Transportation Board

- The Baltimore Regional Transportation Board is the Metropolitan Planning Organization (MPO) for the Baltimore region.
- The BRTB is responsible for making sure that any money spent on existing and future transportation projects and programs is based on a continuing, cooperative and comprehensive (3-C) planning process.
- All transportation projects and programs that receive federal funding in our region go through this planning process.

Baltimore Regional Transportation Board

Baltimore Metropolitan Council



BALTIMORE REGIONAL TRANSPORTATION BOARD

→ **Technical Committee**

→ **Public Advisory Group**

→ **Interagency Consultation Group (air quality)**

→ **Cooperative Forecasting Group**

→ **Freight Movement Task Force**

→ **Safety Subcommittee**

→ **Traffic Incident Management Committee**

→ **Traffic Signal Subcommittee**

→ **Transportation & Public Works Committee**

→ **Bicycle and Pedestrian Advisory Group**

Crash Data Sources History

- **MDOT State Highway Administration (ended 1/1/23)**
 - Upon approval, no locations
 - Approximately August/September of following year
- **Maryland Highway Safety Office**
 - Summary reports, fall of following year
- **Law Enforcement Agencies with ACRS (2015-)**
 - Agency-specific, real-time through Delta Plus
- **Publicly available July 2023**
 - Maintain 5 years online, 2018 no longer available
 - Updated daily, locations included
- **ACRS 2.0 April 2024**
- **<https://mdsp.maryland.gov/Pages/Dashboards/DashboardHome.aspx>**

Crash Data Users

- **Wide range of users**
 - Law Enforcement
 - Planners
 - Engineers
 - Consultants
 - Researchers
 - Local and regional safety teams
 - Communities, advocates, non-profits
- **Different needs**
 - Raw data
 - Summary reports
 - Crash locations



- Strategic Highway Safety Plan was endorsed by the Mayor on May 5, 2022.
- Several sources of funding have been secured for active transportation projects.
- Team includes several university partners.



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4 | A



\$1.005M



\$9.920M

Baltimore City Strategic Highway Safety Plan

2022 - 2026



BALTIMORE CITY DEPARTMENT OF TRANSPORTATION | MAYOR BRANDON SCOTT

Data Dashboards

<https://baltometro.org/data/planning-dashboards>



Log in

Select Language ▼

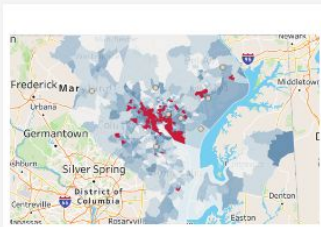
[TRANSPORTATION](#) [COMMUNITY](#) [ENVIRONMENT](#) [PURCHASING](#) [ABOUT US](#) [Q](#)

[Home](#) > [Tableau](#) > [Tableau - Planning Dashboards](#)

Planning Dashboards

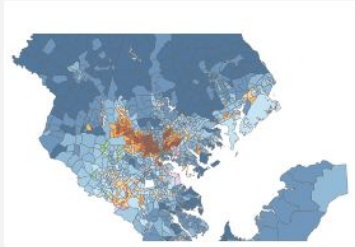
The need for data-driven decision-making is paramount today as agencies face the need to prioritize investments on a limited revenue stream. Data-driven decision-making can be beneficial for agencies to make impactful decisions, and the public and other stakeholders, by telling compelling stories and communicating decisions in a transparent manner. The following dashboards are intended to benefit regional decision-makers and interested stakeholders.

Environmental



[Air Quality Dashboard](#)
[Read the User Guide](#)

Census/Demographic



2010/2020 Census Data - Race & Ethnicity



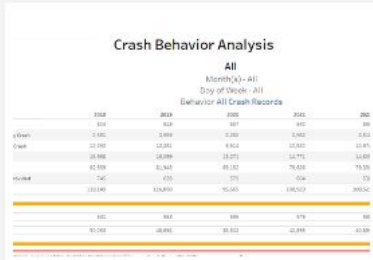
Demographics - Occupied Housing Units
[Read the User Guide](#)

Plans and Programs

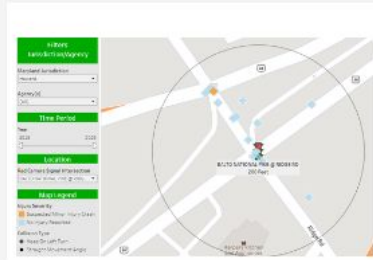


Transportation Improvement Program (TIP) Projects

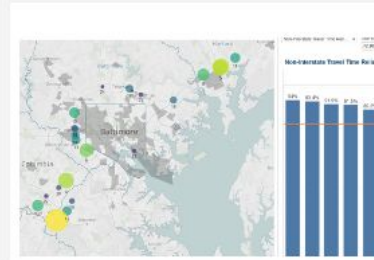
System Performance



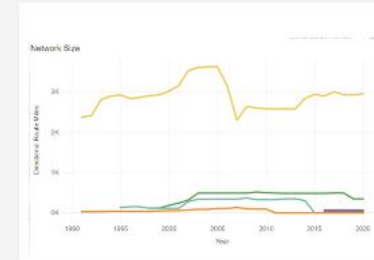
Crash Dashboard 2018-2023



Crash Dashboard 2024



Traffic Bottlenecks
Read the User Guide



Locally Operated Transit
Read the User Guide

Simulation



InSITE - Travel Demand
Read the User Guide



Freight
Read the User Guide



Commercial Vehicles
Read the User Guide

Crash Dashboard

Maryland State Police Crash Database -
(1/1/2018 - 12/31/2023)
Dashboard Update (5/23/2024)
Database Download (4/22/2024)

Please email <mailto:CrashDashboard@baltometro.org> with any comments, questions, concerns, and/or suggestions. Interested in learning how the Crash Dashboard functionality can be improved in meeting users' data analysis needs to advance progress towards Vision Zero.

Navigation Buttons

Crash Record Behavior Summary

Crash Record Behavior Analysis

Crash Record Map

Crash Record - Non-Motorized/American Community Survey

Crash Dashboard

Maryland State Police Crash Database -
(1/1/2024 - 7/10/2024)
Dashboard Update (6/6/2024)
Database Download (7/10/2024)

Starting with the 2024 Crash Record data, the MSP has revised table structures necessitating the creation of two dashboards – 1) a dashboard containing 2018 - 2023 records and 2) a dashboard containing 2024 - present records.

Navigation Buttons

Crash Record Behavior Summary

Crash Record Behavior Analysis

Crash Record Map

Crash Record - Non-Motorized/American Community Survey

Please email <mailto:CrashDashboard@baltometro.org> with any comments, questions, concerns, and/or suggestions. Interested in learning how the Crash Dashboard functionality can be improved in meeting users' data analysis needs to advance progress towards Vision Zero.

These Emphasis Areas are not mutually exclusive

Crash Behavior Summary

All

Crashes by Roadway -
Month(s) - All / Day of Week(s) - All

		Interstate/US Route (Ramps)					State Roads					Local Road				
		Total	Fatal Crash	Suspected Serious Injury Crash	Suspected Minor Injury Crash	Possible Injury Crash	Total	Fatal Crash	Suspected Serious Injury Crash	Suspected Minor Injury Crash	Possible Injury Crash	Total	Fatal Crash	Suspected Serious Injury Crash	Suspected Minor Injury Crash	Possible Injury Crash
Behaviors	Aggressive Driving	561	20	62	289	190	576	25	82	304	165	644	14	90	354	186
	Distracted Driving	238	0	22	134	82	356	4	24	205	123	469	4	45	275	145
	Speeding	510	15	46	270	179	379	18	52	191	118	463	12	74	232	145
	Impaired Driving	244	19	42	125	58	297	39	48	147	63	385	23	64	208	90
	Young Driver - Involved	366	7	27	199	133	589	10	50	355	174	980	3	110	556	311
Person Types	Mature Driver - Involved	536	11	52	293	180	825	19	69	467	270	1,395	12	126	804	453
	Pedestrian	81	14	19	28	20	244	28	50	120	46	892	14	145	482	251
Vehicle Types	Bicycle	20	1	4	10	5	67	0	9	45	13	197	2	26	133	36
	Motorcycle - Involved	105	11	30	44	20	140	9	48	60	23	269	17	102	125	25
	School Bus - Involved	14	0	0	4	10	33	0	4	15	14	58	0	5	31	22
	Maintenance Worker(s) Present	42	0	2	17	23	12	0	2	6	4	23	1	4	10	8
Other	All Crash Records	2,938	66	259	1,585	1,028	4,024	100	371	2,232	1,321	7,206	67	742	4,050	2,347

Crash Behavior (All Crash Records) Analysis

Home

State of Maryland

Month(s) - All

Day of Week - All

Behavior All Crash Records

2024

Fatal Crash	233
Suspected Serious Injury Crash	1,372
Suspected Minor Injury Crash	7,867
Possible Injury Crash	4,696
Grand Total	14,168

Total - Fatal Injury	244
Total - Suspected Serious Injury	1,654
Total - Suspected Minor Injury	11,025
Total - Possible Injury	7,792

Filters

Jurisdiction/Agency

Maryland Jurisdiction(s)

Agency(s)

Time Period

Month

Day of Week

Crash Record Selector

Crash Records

Roadway

Route Type

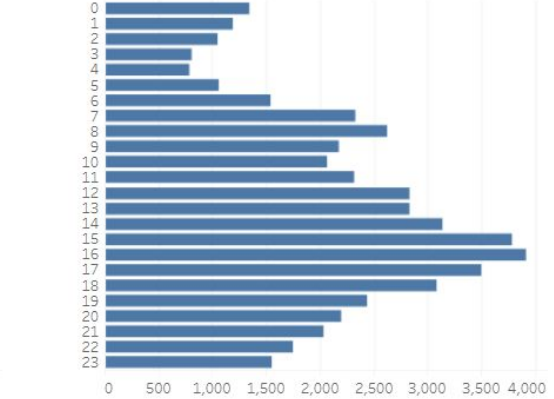
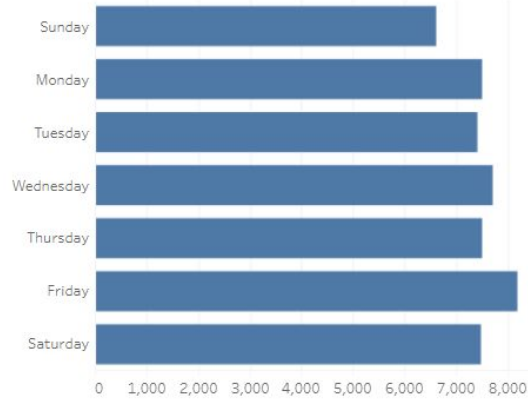
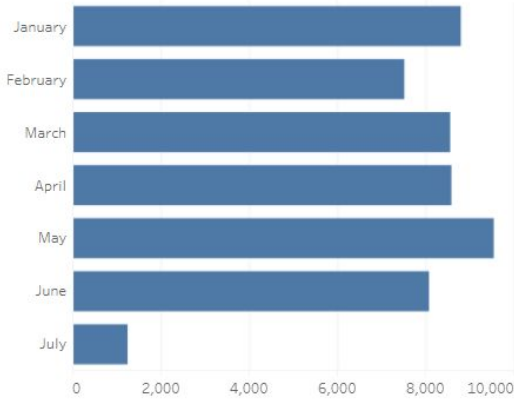
Behavior

Behavior/Person/Vehicle

Click on Month, Day or Week, or Hour of Day to Filter Dashboard and/or Select Crash Record Severity or Year for additional Dashboard Filters.

Crash Record Severity

Year



Crash Record - Non-Motorized

Home

Filters

Jurisdiction/Agency

Maryland Jurisdiction
Baltimore City

Agency(s)
(All)

Time Period

Year
2024

Month
(All)

Day of Week
(All)

Hour
(All)

Map Variables

ACS Jurisdiction Variable
Ethnicity

Census Block Group Above/Below
(All)

Non-Motorist Type
(Multiple values)

Non-Motorist Injury Severity

- Fatal Crash
- Suspected Serious Injury Crash
- Suspected Minor Injury Crash
- Possible Injury Crash
- No Apparent Injury

CensusBlkGrp_AboveShare - Selector

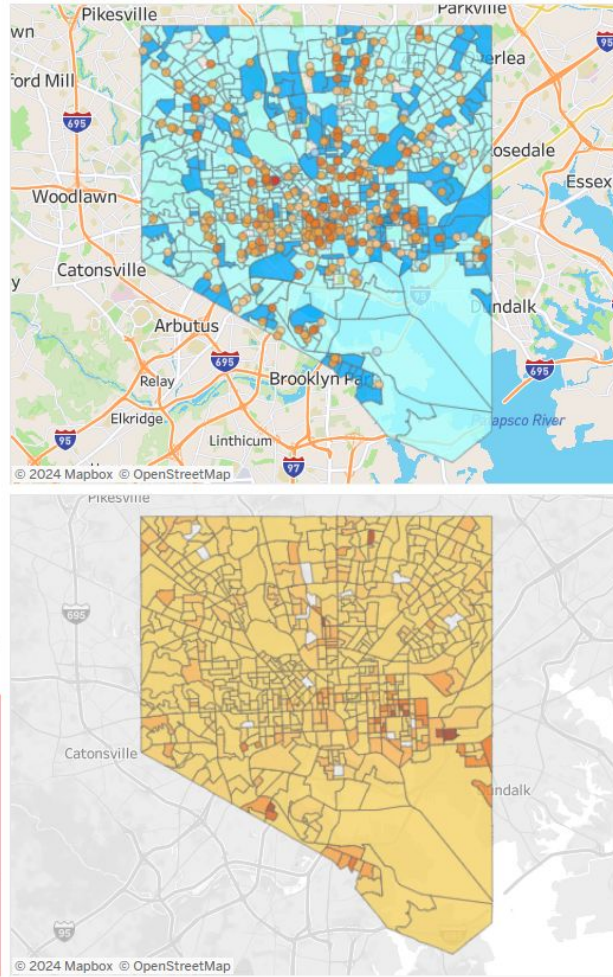
- Above Jurisdiction Share
- Below Jurisdiction Share

2018 - 2022 American Community Survey:

Ethnicity

CensusBlkGrp_Density - Selector
0.00 16.60

The Crash Record - Non-Motorized dashboard contains only records with Lat./Long. within a Jurisdiction Census Block Group. As such, counts may be different on this dashboard.



Count of Crash Records

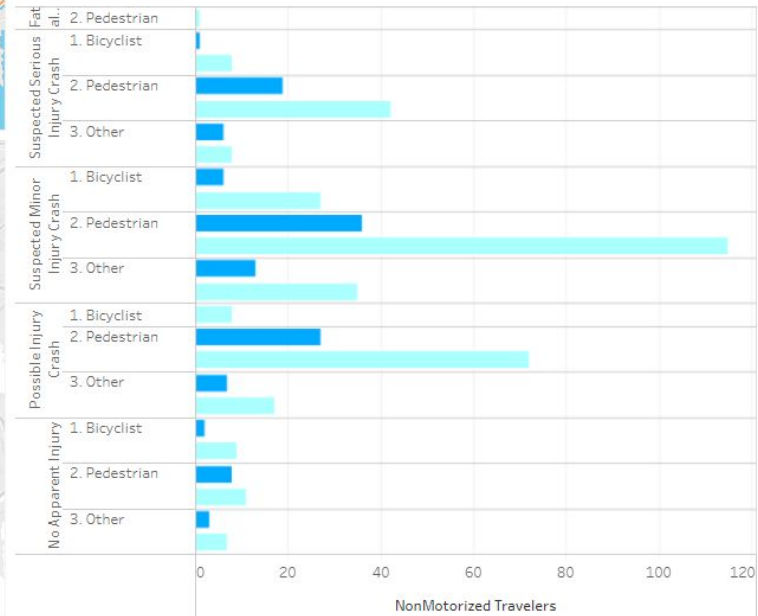


Above Jurisdiction Share
Below Jurisdiction Share

Baltimore City - Ethnicity

Total Population	565,637
Hispanic or Latino	32,961
Jurisdiction Share	5.8%

Count of Non-Motorist



For More Information

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