

# Department of Transportation

## MISSION

The Maryland Department of Transportation (MDOT) is a customer-driven leader that delivers safe, sustainable, intelligent, exceptional, and inclusive transportation solutions in order to connect our customers to life's opportunities.

## KEY GOALS, OBJECTIVES, AND PERFORMANCE MEASURES

Additional Guiding Principles, Performance Measures, Key Initiatives, Performance Discussions and Strategies:

[Annual Attainment Report on Transportation System Performance](#)

**Goal 1. Enhance Safety and Security - Protect the safety and security of all residents, workers, and visitors.**

**Obj. 1.1** Reduce the number of lives lost and injuries sustained on Maryland's transportation system.

**Obj. 1.2** Minimize disparities in safety across Maryland's diverse communities.

**Obj. 1.3** Address multimodal safety needs to support a safe, low stress, and secure transportation system.

**Obj. 1.4** Maintain a safe system during adverse weather events, man-made threats, and other system disruptions.

Performance Measures (Calendar Year)	2021 Act.	2022 Act.	2023 Act.	2024 Act.	2025 Est.	2026 Est.	2027 Est.
Number of vehicle miles traveled (billions)	56.6	56.8	57.5	57.1	57.8	58.6	59.3
Annual number of serious injuries on all Maryland public roads	3,060	2,976	3,020	3,441	0	0	0
Annual number of traffic fatalities on all Maryland public roads	563	566	621	582	0	0	0
Traffic fatality rate per 100 million vehicle miles traveled (VMT) on all roads in Maryland	0.99	0.99	1.08	1.01	0	0	0
Annual number of pedestrian fatalities on all Maryland public roads	126	130	157	151	0	0	0
Annual number of pedestrian serious injuries on all Maryland public roads	417	407	459	464	0	0	0

# Department of Transportation

## Goal 2. Deliver System Quality - Deliver a reliable, high-quality, integrated transportation system.

**Obj. 2.1** Provide a multimodal system resilient to changing conditions and hazards.

**Obj. 2.2** Increase the percentage of State-owned or funded facilities and assets in a state of good repair.

Performance Measures	2021 Act.	2022 Act.	2023 Act.	2024 Act.	2025 Act.	2026 Est.	2027 Est.
System preservation funding levels in Consolidated Transportation Program (millions)							
1 Total number of SHA and MDTA bridges	\$941.7	\$1,005.3	\$1,003.1	\$1,115.5	\$1,260.1	\$1,161.4	\$1,381.5
1 Number of SHA Bridges identified as in Poor Condition	2,881	2,890	2,892	2,894	2,894	2,894	2,896
1 Number of MDTA bridges identified as in Poor Condition	29	26	22	22	20	22	22
1 Percentage of SHA bridges identified as in Poor Condition	0	0	0	0	0	0	0
MDTA debt service coverage ratio	1.1%	1.0%	0.9%	0.9%	0.8%	0.9%	0.9%
MDTA unrestricted cash balance at fiscal year-end (millions)	3.10	4.60	4.00	2.60	3.30	2.40	2.10
MDTA legal coverage ratio (Rate Covenant)	\$399	\$489	\$860	\$734	\$596	\$400	\$400
Overall acceptable pavement condition	2.40	3.80	3.10	2.00	2.30	1.80	1.70
1 Overall acceptable pavement condition	92%	92%	91%	90%	91%	89%	88%
1 Number of SHA lane-miles maintained	90%	90%	90%	90%	90%	90%	90%
SHA maintenance activity expenditures (millions)	17,361	17,364	17,404	17,470	17,487	17,523	17,559
SHA maintenance activity expenditures per lane mile	\$64.44	\$66.17	\$76.44	\$80.37	\$85.65	\$78.55	\$80.98
1 Percentage of the SHA Highway Network in overall preferred maintenance condition	\$3,711	\$3,811	\$4,393	\$4,614	\$4,601	\$4,532	\$4,660
1 Percentage of the SHA Highway Network in overall preferred maintenance condition	84.3%	85.3%	83.9%	85.1%	85.4%	85.0%	85.0%

# Department of Transportation

**Obj. 2.3** Minimize travel delays and improve reliability and quality.

Performance Measures	2021 Act.	2022 Act.	2023 Act.	2024 Act.	2025 Est.	2026 Est.	2027 Est.
Percent of transit service provided on-time: Local Bus	74%	76%	73%	73%	73%	75%	76%
Baltimore Metro	90%	89%	86%	85%	82%	83%	85%
Light Rail	92%	84%	84%	89%	86%	90%	91%
MARC	93%	92%	90%	89%	90%	91%	92%
Mobility paratransit and Taxi Access	76%	89%	93%	94%	92%	93%	93%
Average Mobility paratransit phone hold time in minutes in peak hour	1.02	1.03	0.47	0.38	0.36	0.35	0.33
<sup>1</sup> Total user cost savings for the traveling public including commercial traffic due to incident management (billions)	\$1.88	\$2.03	\$2.23	\$2.12	\$2.05	\$2.05	\$2.05
<sup>1</sup> Total reduction in incident congestion delay (million vehicle-hours)	39.7	41.0	42.5	39.1	39.5	39.5	39.5
<sup>1</sup> SHA CHART (Coordinated Highways Action Response Team) incident clearance time (minutes)	26.3	26.0	25.4	26.0	30.0	30.0	30.0
<sup>1</sup> Annual vehicle hours of delay (VHD) (millions)	118.0	138.0	141.0	142.0	148.9	152.8	154.7

**Obj. 2.4** Accelerate project completion through improved project delivery.

Performance Measures	2021 Act.	2022 Act.	2023 Act.	2024 Act.	2025 Est.	2026 Est.	2027 Est.
Federal grant dollars awarded (millions)	\$38.93	\$59.49	\$233.00	\$369.56	\$458.82	\$2.50	N/A
Percentage of projects delivered on time and on budget	N/A	N/A	31%	29%	N/A	N/A	N/A
Percentage of projects delivered late and on budget	N/A	N/A	46%	54%	N/A	N/A	N/A
Percentage of projects delivered late and over budget	N/A	N/A	23%	17%	N/A	N/A	N/A
Number of MVA transactions (millions)	10.8	12.2	13.4	13.3	14.6	14.8	14.9
MVA alternative service delivery transactions as percent of total transactions	71%	75%	76%	80%	81%	85%	86%
Total number of toll transactions (in thousands)	132,278	152,204	162,833	165,312	161,394	165,336	167,309
Percent of toll transactions collected via E-ZPass®	81%	86%	86%	88%	88%	88%	88%
Percent of toll transactions collected via video tolls	19%	13%	13%	12%	11%	11%	11%
Percent of toll transactions collected via pay-by-plate	0%	0%	1%	1%	1%	1%	1%
MVA average cost per transaction	\$17.77	\$16.16	\$15.54	\$16.84	\$19.09	\$19.53	\$19.34

# Department of Transportation

**Goal 3. Serve Communities and Support the Economy - Expand transportation options to allow Maryland's diverse communities to access opportunities and to support the movement of goods.**

**Obj. 3.1** Enhance Marylanders' satisfaction with the transportation system and MDOT services.

Performance Measures	2021 Act.	2022 Act.	2023 Act.	2024 Act.	2025 Act.	2026 Est.	2027 Est.
Percentage of MVA customers with a wait time under 10 minutes	57.8%	49.1%	72.6%	81.9%	80.9%	82.0%	83.0%
Mean travel time to work (minutes)	32.50	32.00	31.50	32.30	N/A	N/A	N/A

**Obj. 3.2** Apply enhanced technologies to improve communication and relay real-time information.

**Obj. 3.3** Prioritize the transportation needs of underserved and overburdened communities in project selection and scoping.

**Obj. 3.4** Improve quality of life by providing active transportation and transit access to jobs and opportunities.

**Obj. 3.5** Increase transit use, active transportation, and transit-oriented development (TOD).

Performance Measures	2021 Act.	2022 Act.	2023 Act.	2024 Act.	2025 Act.	2026 Est.	2027 Est.
Number of mass transit riders - local bus (thousands)	35,370	42,081	45,734	47,930	49,573	49,987	50,165
Number of mass transit riders - metro (thousands)	1,615	2,252	1,756	3,658	5,592	5,643	5,698
Number of mass transit riders - light rail	2,458	2,947	3,434	4,471	5,472	5,498	5,510
Number of mass transit riders - Mobility paratransit	1,031	1,176	1,913	2,106	2,140	2,165	2,188
Number of mass transit riders - Taxi Access	537	583	494	900	1,627	1,668	1,712
Number of mass transit riders - MARC	880	987	3,376	3,937	4,738	4,976	5,104
Number of mass transit riders - Contracted Commuter Bus to Baltimore and Washington	434	479	1,189	1,291	1,407	1,512	1,554
Number of mass transit riders - total	42,325	50,505	57,896	64,293	70,549	71,449	71,931
Number of mass transit riders - Locally Operated Transit Systems (LOTS)	14,977	21,305	24,501	26,097	30,011	32,511	33,427
MVA operating expenditures (millions)	\$192.21	\$197.00	\$207.44	\$224.67	\$278.70	\$289.10	\$288.20
Passenger trips per revenue vehicle mile: Local Bus	2.0	2.1	2.3	2.4	2.3	2.5	2.6
Metro	0.4	0.8	0.2	0.8	1.2	1.3	1.4
Light Rail	0.8	0.9	1.3	1.8	2.2	2.4	2.6
MARC	0.2	0.4	0.5	0.6	0.7	0.8	0.8
Contracted Commuter Bus to Baltimore and Washington	0.9	0.1	0.2	0.2	0.4	0.4	0.4
All Modes	0.7	0.8	1.0	1.1	1.1	1.2	1.3
Farebox recovery ratio: Local Bus & Contracted Commuter Bus	6%	6%	7%	7%	7%	8%	9%
Metro	6%	7%	5%	2%	2%	3%	4%
Light Rail	4%	7%	7%	6%	4%	5%	6%

# Department of Transportation

**Obj. 3.5** (continued from previous page)

Baltimore area services (without Mobility paratransit)	7%	7%	7%	6%	5%	6%	7%
Washington Contracted Commuter Bus	7%	9%	10%	11%	15%	16%	17%
MARC	1%	11%	15%	12%	13%	14%	15%
WMATA revenue vehicle miles (millions): Metrorail	72.8	53.1	72.5	98.6	95.6	117.2	117.2
Metrobus	29.2	36.3	38.0	38.6	38.4	38.5	38.5
Total	102.1	89.5	110.5	137.2	133.9	155.7	155.7
WMATA passengers per revenue vehicle mile: Metrorail	0.4	1.1	1.3	1.3	1.3	1.2	1.2
Metrobus	1.8	2.2	2.7	3.1	2.6	3.5	3.5
WMATA annual ridership (millions): Metrorail (linked trips)	28.2	60.1	95.8	123.2	138.5	135.5	135.5
Metrobus (unlinked trips)	52.1	80.8	102.5	117.6	124.4	133.1	133.1
MetroAccess (completed trips)	1.1	1.3	1.4	1.4	1.0	1.2	1.2
Total	81.3	142.2	199.7	242.2	263.9	269.7	269.7
WMATA annual ridership Maryland only (millions): Metrorail (linked trips)	9.9	21.2	27.3	19.8	22.9	19.9	19.9
Metrobus (unlinked trips)	15.6	24.3	30.8	37.1	37.7	35.2	35.2
MetroAccess (completed trips)	0.6	0.8	0.9	0.9	0.7	0.9	0.9
Total	26.2	46.3	59.0	57.7	61.3	56.0	56.0
WMATA operating cost per revenue vehicle mile: Metrorail	\$15.14	\$19.84	\$17.44	\$13.23	\$15.19	\$12.44	\$12.44
Metrobus	\$21.69	\$18.56	\$20.02	\$19.90	\$21.17	\$22.31	\$22.31
WMATA farebox recovery ratio: Metrorail	7%	15%	18%	23%	28%	27%	27%
Metrobus	3%	7%	7%	7%	7%	7%	7%
MetroAccess	3%	3%	3%	2%	2%	2%	2%
WMATA systemwide	5%	11%	13%	16%	19%	19%	19%
WMATA operating cost per passenger trip: Metrorail	\$39.17	\$17.53	\$13.19	\$10.59	\$10.48	\$10.77	\$10.77
Metrobus	\$12.16	\$8.35	\$7.42	\$6.53	\$6.53	\$6.45	\$6.45
MetroAccess	\$134.91	\$108.35	\$124.19	\$132.47	\$171.03	\$151.62	\$151.62

# Department of Transportation

**Obj. 3.5** (continued from previous page)

Operating cost per revenue vehicle mile: Local Bus	\$16.60	\$16.80	\$23.10	\$22.44	\$24.20	\$25.35	\$24.50
Metro	\$18.52	\$17.50	\$15.80	\$20.90	\$22.50	\$22.75	\$22.90
Light Rail	\$22.32	\$20.13	\$28.21	\$24.94	\$27.34	\$27.50	\$27.60
Mobility Paratransit	\$6.90	\$7.10	\$10.56	\$9.28	\$6.94	\$6.88	\$6.80
MARC	\$37.90	\$37.10	\$24.90	\$29.70	\$25.90	\$26.00	\$26.20
Contracted Commuter Bus to Baltimore and Washington	\$125.40	\$38.70	\$8.70	\$11.05	\$13.90	\$14.00	\$14.15
Taxi Access	\$16.90	\$15.20	\$11.73	\$9.89	\$11.28	\$11.40	\$11.50
All Modes	\$18.40	\$18.30	\$20.10	\$17.60	\$18.60	\$18.80	\$18.90
<sup>1</sup> Miles of new SHA sidewalks added in Maryland	7.77	6.90	5.17	7.38	5.00	5.00	5.00
Commute mode share for transit	6.4%	5.5%	4.9%	5.0%	N/A	N/A	N/A
Number of sites of TOD in planning, design, or development pipeline (WMATA/MTA)	8	8	18	18	29	N/A	N/A
Total joint development housing units (WMATA/MTA)	4,325	4,325	6,270	6,270	18,534	N/A	N/A

**Obj. 3.6** Improve the efficiency and competitiveness of the Port of Baltimore and BWI Thurgood Marshall Airport.

Performance Measures	2021 Act.	2022 Act.	2023 Act.	2024 Act.	2025 Act.	2026 Est.	2027 Est.
Percent of MPA operating budget recovered by revenues	106%	103%	104%	88%	93%	104%	104%
MPA total general cargo tonnage (millions)	11.0	10.8	11.6	9.1	10.6	11.0	11.0
MPA roll-on/roll-off tonnage (thousands)	796.0	960.0	1228.0	1035.0	873.0	890.0	N/A
MPA auto tonnage (thousands)	996.0	843.0	832.0	688.0	835.0	843.0	N/A
MPA imported forest products tonnage (thousands)	638.0	813.0	795.0	578.0	810.0	818.0	N/A
Containers (Loaded TEUs) (thousands)	787.0	751.0	788.0	611.0	790.0	791.0	N/A
International cruises using MPA's terminal	0	67	95	88	93	90	57
Ports of call at MPA's terminal	0	2	1	4	3	3	1
Cruise passengers embarking/debarking MPA's terminal	0	221,352	428,812	376,627	417,529	370,700	120,030
MAA percent BWI Marshall Airport revenue over operating expenses	4%	68%	34%	34%	42%	34%	31%
BWI Marshall Airport cost per enplaned passenger	\$16.43	\$11.95	\$10.79	\$10.68	\$11.54	\$13.08	\$14.05
Number of nonstop markets served	86	88	89	92	92	90	94
<sup>1</sup> Total passengers at BWI Marshall Airport (millions)	18.868	22.805	26.200	27.060	26.020	25.500	25.883
<sup>1</sup> Annual BWI Marshall Airport passenger growth rate	68.40%	20.86%	14.89%	3.28%	-3.84%	-2.00%	1.50%

# Department of Transportation

**Obj. 3.7** Leverage infrastructure to bolster inclusive economic growth.

Performance Measures	2021 Act.	2022 Act.	2023 Act.	2024 Act.	2025 Act.	2026 Est.	2027 Est.
Total contract amounts awarded to Minority Business Enterprises (MBE)	\$508,288,523	\$612,771,840	\$445,391,926	\$613,119,492	\$606,384,662	N/A	N/A
Total contract amounts awarded to Small Business Enterprises (SBE)	\$22,487,200	\$10,292,342	\$20,500,000	\$8,000,000	\$30,000,000	N/A	N/A
Total contract amounts awarded to Veteran-Owned Small Business Enterprises (VSBE)	\$15,614,985	\$26,670,455	\$15,826,920	\$14,825,658	\$20,887,915	N/A	N/A
Small Business Enterprises (SBE) participation in MDOT contracts	4.3%	1.9%	2.4%	1.2%	2.0%	N/A	N/A
Veteran-Owned Small Business Enterprises (VSBE) participation in MDOT contracts	0.6%	1.0%	0.6%	0.5%	0.9%	N/A	N/A
Minority Business Enterprises (MBE) participation in MDOT contracts	23.3%	22.6%	20.0%	19.2%	24.8%	N/A	N/A

# Department of Transportation

## Goal 4. Promote Environmental Stewardship - Minimize and mitigate the environmental effects of transportation.

**Obj. 4.1** Protect and enhance the natural environment through avoidance, minimization, and mitigation of adverse impacts related to transportation infrastructure.

**Obj. 4.2** Employ resource protection and conservation practices in project development, construction, operations, and maintenance of transportation assets.

Performance Measures	2021 Act.	2022 Act.	2023 Act.	2024 Act.	2025 Act.	2026 Est.	2027 Est.
Annual dredging to keep channels clear, with placement into MPA managed sites (cubic yards) (millions)	3.2	2.2	0.4	4.0	2.4	3.3	4.0
Dredged material placement capacity remaining (cubic yards) (millions) for the Bay	29.9	30.5	27.7	24.2	22.3	20.3	18.3
Dredged material placement capacity remaining (cubic yards) (millions) for Harbor	8.0	7.2	8.4	16.1	15.5	14.2	12.1
Transportation-related air pollution reduction (NOx reduction - tons/year)	29,817.0	27,130	25,085	19,929	N/A	N/A	N/A

**Obj. 4.3** Minimize fossil fuel consumption, reduce greenhouse gas emissions, and improve air quality.

**Obj. 4.4** Support the widespread adoption of alternative fuels, electric vehicles and innovative technologies.

Performance Measures	2021 Act.	2022 Act.	2023 Act.	2024 Act.	2025 Act.	2026 Est.	2027 Est.
Percentage of vehicles registered in the State that are alternative fuel, electric, or hybrid-electric	12.4%	10.3%	10.9%	11.8%	13.0%	13.7%	14.4%
Percentage of Light Duty electric vehicles in the MDOT Light Duty Vehicle (LDV) fleet, excluding police vehicles	N/A	N/A	N/A	3.8%	4.2%	N/A	N/A
Total transportation CO2 emissions per capita (MMT CO2e/pop)	4.26	4.17	4.11	4.16	N/A	N/A	N/A

## NOTES

<sup>1</sup> 2025 data is estimated.