

FY 2022 REGIONAL TARGETS FOR TRANSIT ASSET MANAGEMENT

Performance Based Planning And Programming

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TPB Regional Public Transportation Subcommittee
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Structure of Presentation

- Transit Asset Management (TAM) Target-Setting Requirements
- TAM Performance Measures
- TAM Targets – Summary Table
- 2020 Regional TAM Targets
- Next Steps: Data Collection

Transit Asset Management (TAM) Target Setting Requirements – Transit Providers

- Providers of public transportation are required to annually establish Transit Asset Management (TAM) performance targets
 - Applies to any provider receiving Federal Transit Administration (FTA) funds, recipients and sub-recipients
 - Large agencies set targets and report directly to the FTA; small agencies may participate in group plans
- Providers must set targets within four months of the end of the previous fiscal year
 - FY 2022 targets were due by October 31, 2021 for providers on a July–June fiscal year (i.e., every provider except DDOT)



Applicability to Regional Providers

Two tiers of provider: Tier I if more than 100 vehicles in revenue service or operates rail; Tier II if 100 or fewer vehicles

Tier I

1. WMATA: Metrorail, Metrobus, MetroAccess
2. DDOT: Streetcar, Circulator
3. Fairfax: Connector, Comm. & Neighborhood Services
4. Montgomery County: Ride On
5. Prince George's: TheBus
6. PRTC: OmniRide, OmniLink
7. Virginia Railway Express

Tier II

1. Alexandria DASH
2. Arlington ART
3. Charles VanGo
4. Fairfax City CUE
5. Frederick TransIT
6. Loudoun County Transit
7. Virginia Regional Transit
8. and other small non-profit or paratransit providers

- Tier I providers set performance targets, implement an agency TAM Plan, and report performance and targets annually
- Tier II providers may participate in a Group Plan or opt out and fulfill requirements on their own.



Transit Asset Management (TAM) Target Setting Requirements – MPOs

- MPOs (i.e., TPB) shall adopt transit asset targets for their metropolitan planning area within 180 days of the providers
 - FTA recommendation for MPOs is to set a single regional target for each performance measure asset class
 - Requires adding up the numbers and targets for each asset from every provider in the region
- MPOs do not submit targets, but these targets are to be included in each long-range transportation plan and TIP
 - Will be included in this year's Visualize 2045 and the FY 2023-2026 TIP



TAM Performance Measures

	Performance Measure	Asset Classes
Rolling stock (Age)	Percentage of revenue vehicles within a particular asset class that have met or exceeded useful life benchmark (ULB)	Standard bus, articulated bus, vans, automobiles, locomotives, rail vehicles
Equipment - (non-revenue) service vehicles (Age)	Percentage of vehicles that have met or exceeded their ULB	Cranes, prime movers, vehicle lifts, tow trucks
Infrastructure-rail fixed-guideway track, signals, and systems (Condition)	The percentage of track segments, signal, and systems with performance restrictions	Signal or relay house, interlockings, catenary, mechanical, electrical and IT systems
Stations/ Facilities (Condition)	The percentage of facilities, within an asset class, rated below 3 on the TERM scale	Stations, depots, administration, parking garages, terminals



Summary of 2020 TAM Targets

Target = Maximum percentage of assets at or exceeding standard

Reporting Entity	Rolling Stock	Service Vehicles	Rail Infrastructure	Station/ Facility Condition
WMATA	0% Rail, 3% Bus	16% ^d	3.8%	7% ^f
DDOT	0% Rail, 0% Bus	n/a	5%	0% ^g
Ffx. Co.	10%	10% ^d	n/a	0%
Mont. Co.	8%	50% ^d	n/a	0%
Pr. Geo. Co.	34%	n/a	n/a	0%
PRTC	29% ^b	0% ^e	n/a	0% ^g
VRE	0%	0% ^e	n/a	0%
Maryland Tier 2 (MTA)	11.5% ^a	37.5% ^e	n/a	4% ^g
Virginia Tier 2 (DRPT)*	10%	25% ^e	n/a	10% ^g

a: heavy-duty buses; b: 45-foot buses; c: autos; d: trucks; e: service vehicles; f: passenger, g: maintenance/administrative facilities

* Arlington County has joined the Virginia Tier 2 group plan



2020 Regional TAM Targets (1)

Percentage of revenue vehicles that have met or exceeded useful life benchmark	Regional Assets Total	Regional Target
AB- Articulated bus	77	3.0%
AO- Auto	34	0.0%
BR- Over-the-road bus	169	23.4%
BU- Bus	2680	4.9%
CU- Cutaway bus	84	6.8%
HR- Heavy rail passenger car	1200	0.0%
LR- Light rail vehicle	6	0.0%
RL- Commuter rail locomotive	20	0.0%
RP- Commuter rail passenger coach	100	0.0%
VN- Van	844	10.6%
<i>Revenue Vehicle Totals</i>	<i>5214</i>	

Based on National Transit Database Form A-90

- Single regional target for each performance measure asset class



2020 Regional TAM Targets (2)

Percentage of service vehicles that have either met or exceeded their useful life benchmark		
Automobiles	272	28.2%
Trucks and other Rubber Tire Vehicles	1592	16.6%
Steel Wheel Vehicles	199	8.0%
<i>Service Vehicle Totals</i>	2063	
Percentage of track segments, signals, and systems with performance restrictions (over length in miles)		
CR - Commuter Rail	0	0.0%
HR - Heavy Rail	234	3.8%
SR - Streetcar Rail	5.6	5.0%
<i>Track Segments Totals</i>	239.6	
Percentage of Passenger and Maint. facilities rated below condition 3 on the condition scale		
Passenger Facilities	120	6.3%
Passenger Parking Facilities	92	5.9%
Maintenance Facilities	123	10.0%
Administrative Facilities	57	10.4%
<i>Facility Totals</i>	392	



Next Steps

- Complete collecting information from region's transit systems:
 1. 2022 TAM targets (*initial e-mail sent June 2021*)
 2. 2021 TAM targets vs. 2021 actual performance
 3. Narrative report

5 Upload TAM Narrative Report:

Your narrative report should include, at a minimum, a discussion of your system including the 1- Changes in your system's conditions since last year 2- Progress toward your current fiscal year's targets, and 3 – Targets for the next fiscal year.

Attachment

The maximum file upload size is 10.00 MB.

- Develop draft FY 2022 TAM targets and info memo
 - Comment by RPTS members
 - Present draft targets to the board in February 2022
 - Board approval in March 2022



NTD Form A-90 Transit Asset Management

Form Name: Transit Asset Management Plan Performance Metrics and Targets

Line No.	Performance Measure	Annual Target	Annual Performance	Difference	Row Complete Yes / No
1	Percentage of revenue vehicles that have met or exceeded their useful life benchmark				
	AB - Articulated bus				
	AG - Automated guideway vehicle				
	AO - Automobile				
	BR - Over-the-road bus				
	BU - Bus				
	CC - Cable car				
	CU - Cutaway Bus				
	DB - Double decked bus				
	FB - Ferryboat				
	HR - Heavy rail passenger car				
	IP - Inclined plane vehicle				
	LR - Light rail vehicle				
	MO - Monorail vehicle				
	RL - Commuter rail locomotive				
	RP - Commuter rail passenger coach				
	RS - Commuter rail, self-propelled passenger car				
	SB - School bus				
	SV - Sport Utility Vehicle				
	TB - Trolleybus				
	TR - Aerial tramway				
	VN - Van				
	VT - Vintage trolley / streetcar				
2	Percentage of service vehicles that have either met or exceeded their useful life benchmark				
	Automobiles				
	Trucks and other Rubber Tire Vehicles				
	Steel Wheel Vehicles				
3	Percentage of track segments, signals, and systems with performance restrictions (by mode)				
	AG - Automated Guideway				
	AR - Alaska Railroad				
	CC - Cable Car				
	CR - Commuter Rail				
	HR - Heavy Rail				
	LR - Light Rail				
	MG - Monorail/Automated Guideway				
	SR - Streetcar Rail				
	TR - Aerial Tramway				
	YR - Hybrid Rail				
4	Percentage of Passenger and Maint. facilities rated below condition 3 on the condition scale				
	Passenger Facilities				
	Passenger Parking Facilities				
	Maintenance Facilities				
	Administrative Facilities				

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