

FY 2020 DRAFT REGIONAL TARGETS FOR TRANSIT ASSET MANAGEMENT

Performance Based Planning And Programming

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Structure of Presentation

- Transit Asset Management (TAM) Target-Setting Requirements
- TAM Performance Measures
- TAM 2019 Targets – Summary Table
- TAM 2019 Targets vs Actual Performance
- Draft TAM 2020 Targets
- TPB approval February 2020

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 can participate in state group plans
- Providers must set targets within four months of the end of the previous fiscal year
 - FY 2020 targets were due by October 31, 2019 for providers on a July-to-June fiscal year (i.e., every provider except DDOT)



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 is for a single regional target for each performance measure asset class (e.g., 40' buses, rail stations, etc.)
 - Requires adding up the numbers and targets for each type of asset from every transit provider in the region
 - MPOs do not submit TAM targets, but these targets are to be included in each new long-range plan and TIP
 - TPB to approve new TIP in March 2020



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 Providers' 2019 TAM Targets

Adopted February 20, 2019

Target = Maximum percentage of assets at or exceeding standard

Reporting Entity	Rolling Stock	Service Vehicles	Rail Infrastructure	Station/ Facility Condition
WMATA	0% Rail, 0% Bus	11% ^d	2.1%	7% ^f
DDOT	0% Rail, 0% Bus	n/a	5%	0% ^g
Arl Co.	0%	n/a	n/a	0%
Ffx. Co.	10%	10% ^d	n/a	0%
Mont. Co.	11%	21% ^d	n/a	25% ^g
Pr. Geo. Co.	4%	43% ^d	n/a	0%
PRTC	8% ^b	0% ^e	n/a	0% ^g
VRE	0%	0% ^e	n/a	0%
Maryland Tier 2 (MTA)	13.3% ^a	14.6% ^d	n/a	25% ^f
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



2019 TAM Targets vs Performance

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Target = Maximum percentage of assets at or exceeding standard

Reporting Entity	Rolling Stock	Actual	Service Vehicles	Actual	Rail Infrastructure	Actual	Station/Facility Condition	Actual
WMATA	0% Rail, 0% Bus	0% Rail, 3% Bus	11% ^d	31%	2.1%	1.69%	7% ^f	7.1%
DDOT	0% Rail, 0% Bus	0% Rail, 0% Bus	n/a	n/a	5%	-	0% ^g	0%
Arl Co.	0%	0%	n/a	n/a	n/a	n/a	0%	0%
Fairfax Co.	0%	-	12% ^d	-	n/a	n/a	0%	-
Mont. Co.	11%	14%	34% ^d	40%	n/a	n/a	22% ^g	22%
Pr. Geo. Co.	4%	25%	43% ^d	25%	n/a	n/a	0%	0%
PRTC	8% ^b	19%	0% ^e	50%	n/a	n/a	0% ^g	0%
VRE	0%	0%	0% ^e	0%	n/a	n/a	0%	0%
Maryland Tier 2 (MTA)	13% ^a	17%	15% ^d	30%	n/a	n/a	24% ^g	4%
Virginia Tier 2 (DRPT)	10%	-	25% ^e	-	n/a	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



Summary of 2020 TAM Targets

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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)

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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)

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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

- Take comments on draft targets and on the report summarizing the region's providers of public transportation, their TAM performance, and their TAM targets
- Board approval of final TAM targets in February 2020



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