



Measure M Independent Taxpayer Oversight Committee

Enterprise Transit Asset Management

State of Good Repair



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TAM Inventory Database Overview - FY24 Q2

ETAM must remain in compliance with the FTA's TAM Rulemaking 49 CFR Part 625, so Metro can remain eligible for federal grants.

- Asset Inventory Database Statistics
 - Tracking approximately 33,200 asset records
 - \$24.6B Asset Replacement Value
 - \$31.7B SGR needs over 40 years
 - \$3.3B Current Backlog

- ETAM Reported data through 6/30/2023 into National Transit Database (NTD) by 10/31/2023 deadline
 - 17 reports regarding asset inventory
 - Annual TAM Narrative Report
 - Performance Measure Targets Report
 - Group TAM update

- FTA FY24 Triennial Audit “Recipient Information Request” (RIR) will commence in Q3.



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Federal Transit Administration (FTA) Reporting 10/31/2023

Rolling Stock and Equipment

FTA TAM Performance Measures / Targets						Based on FY23 Census Date (6/30/2023)				FY24 Forecast (6/30/24)				
Asset Class	Performance Measure based on 49 CFR Part 625	① FY23 Target (reported to FTA)	② = ⑥ / ⑤ FY23 Actual (Calc'd by FTA)	② = ① FY23 Performance Meet/Exceed	③ = ⑩ / ⑨ FY24 Target * (reported to FTA)	④ Total Asset Count	⑤ "Active" Asset Count	⑥ Exceeded ULB (NTD Method [‡])	⑦ Average Age	⑧ Total Asset Estimate	⑨ "Active" Asset Estimate	⑩ Exceeded ULB (NTD Method [‡])	⑪ Average Age	
Rolling Stock	Articulated Bus (AB)	625.43(b): Rolling stock. The performance measure for rolling stock is the percentage of [active, dedicated] revenue vehicles [for which the agency has capital responsibility] within a particular asset class that have either met or exceeded their useful life benchmark.	36.00%	35.34%	Met	35%	274	266	94	7.7	275	271	94	8.5
	Bus (BU)		1.00%	1.74%	Exceeded	1%	1,798	1,722	30	7.3	1,807	1,739	8	7.5
	Heavy Rail Vehicles (HR)		25.00%	30.23%	Exceeded	30%	100	86	26	26.2	102	87	26	26.6
	Light Rail Vehicles (LR)		0.00%	0.00%	Met	0%	337	303	0	8.6	337	328	0	9.6
Equipment	Asset Class	Performance Measure based on 49 CFR Part 625	FY23 Target (reported to FTA)	FY23 Actual (Calc'd by FTA)	FY23 Performance Meet/Exceed	FY24 Target * (reported to FTA)	Total Asset Count	Exceeded ULB (NTD Method [‡])	Average Age	Total Asset Estimate	Exceeded ULB (NTD Method [‡])	Average Age		
	Automobiles	625.43(a): Equipment: (non-revenue) service vehicles. The performance measure for non-revenue, support-service and maintenance vehicles equipment is the percentage of those vehicles that have either met or exceeded their useful life benchmark.	40.00%	39.83%	Met	52%	467	186	9.3	488	252	9.8		
	Trucks and Other Rubber Tire Vehicles		46.00%	42.02%	Met	41%	1,021	429	10.4	1,039	425	10.6		
	Steel Wheel Vehicles		20.00%	20.00%	Met	20%	10	2	10.1	10	2	11.1		

* FY24 Target is the forecast performance or condition rounded up to the next whole percentage.
 ‡ Uses the FTA/NTD method of calculating age: **Census Year - Year of Manufacture** for each asset.

Federal Transit Administration (FTA) Reporting 10/31/2023

Facilities and Infrastructure

FTA TAM Performance Measures / Targets						Based on FY23 Census Date (6/30/2023)			
Asset Class	Performance Measure based on 49 CFR Part 625	① FY23 Target (reported to FTA)	② = ⑥ / ⑤ FY23 Actual (Calc'd by FTA)	② = ① FY23 Performance Meet/Exceed	③ = ⑩ / ⑨ FY24 Target * (reported to FTA)	④ Total Facilities	⑤ Facilities Assessed	⑥ Facilities Below TERM Condition 3	
Facilities	Passenger Facilities (Stations & Parking)	625.43(d): Facilities. The performance measure for facilities is the percentage of facilities within an asset class, rated below condition 3 on the TERM scale.	0.00%	0.00%	Met	0%	285	233	0
	Administration & Maintenance Facilities		0.00%	0.00%	Met	0%	152	152	0
Infrastructure	Asset Class	Performance Measure based on 49 CFR Part 625	FY23 Target (reported to FTA)	FY23 Actual (Calc'd by FTA)	FY23 Performance Meet/Exceed	FY24 Target * (reported to FTA)		Total Revenue Track	Average Performance Restriction
	Heavy Rail (HR)	625.43(c): Infrastructure: rail fixed-guideway, track, signals, and systems. The performance measure for rail fixed-guideway, track, signals, and systems is the percentage of track segments with performance restrictions.	1.00%	1.10%	Exceeded	2%		31.84 miles	0.35 miles
	Light Rail (LR)		4.00%	3.76%	Met	4%		186.76 miles	7.02 miles

* FY24 Target is the forecast performance or condition rounded up to the next whole percentage.

‡ Uses the FTA/NTD method of calculating age: **Census Year - Year of Manufacture** for each asset.

Transit Asset Management – Accomplished and In Progress as of FY24 Q2

Support Implementation of new Enterprise Asset Management System (EAMS):

- ETAM staff participating as Sponsor and Subject Matter Expert (SME) to implement EAM System Integration (SI) – awarded October 2021.
- Support EAM project for duration of approximate 3-year contract to help ensure success. Currently in Phase I of IV.
- ETAM attending workshops to ensure NTD reporting data and other requirements are included in EAMS design and functionality.

Continued Condition Assessments:

- Structures Inspections Contract – 5-year contract with 2 option years beginning in July 2019 for FY 20-26 inspections. Received 19 of 63 final inspection reports by the end of FY24 Q2. Coordinating with Operations and Program Management to resolve issues found during inspections.
- Facility Condition Assessments required per TAM Rulemaking – 3-year contract beginning in May 2022 for FY23-25 required assessments. Received 27 of 68 final inspection reports in FY24 Q2.
- Train Control Condition Assessment Study – In procurement process.



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Transit Asset Management – Accomplished and In Progress as of FY24 Q2

Asset On-boarding:

- Finalized collecting needed asset information from new projects, Crenshaw (K Line) and Regional Connector (A/E Line) projects for reporting into the NTD. Continue to gather asset information above what FTA requires for reporting.
- Coordinating with EAM team for “on-boarding” of new assets being acquired from new capital projects. Must report new assets “in service” to the FTA on annual basis.

FTA TAM Rulemaking compliance deadline:

- **October 31, 2023:**
- Group TAM Plan – Completed coordination with 33 sub-recipient transit agencies who are verified participants to report TAM data documenting changes from last year, including unified performance targets into the NTD.
- Finalized Metro TAM Data – Received executive approval and completed coordination with stakeholder departments to report 18 asset reports on TAM inventory, performance and targets into the NTD.
- November/December -- Shared data with MPO/SCAG. Resolved first round of NTD questions from FTA.



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Thank you!

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