

TRANSIT PERFORMANCE MANAGEMENT

FEDERAL REQUIREMENT FOR PERFORMANCE BASED PLANNING AND PROGRAMMING

Under the Moving Ahead for Progress in the 21st Century Act (MAP-21) and reinforced in the Fixing America's Surface Transportation (FAST) Act, federal surface transportation regulations require the implementation of performance management requirements through which State Departments of Transportation (DOTs), Metropolitan Planning Organizations (MPOs), and designated transit providers transition to a performance-based planning and programming approach. On July 26, 2016, the Federal Transit Administration published the final rule on Transit Asset Management (TAM) (49CFR Part 625). Under the final TAM rule, DOTs, MPOs, and designated transit providers must collect and report data for four performance measures covering rolling stock, equipment, infrastructure, and facility condition. The Jackson MPO area contains no relevant infrastructure as defined under 49 CFR part 625 (e.g. fixed guideway for light rail mass transit), and therefore the MPO is only required to set targets for equipment, rolling stock, and facilities.

DESIGNATED TRANSIT PROVIDER

The City of Jackson, which operates JATRAM, is the federally recognized public transit service provider for the Jackson Metropolitan area. The City of Jackson currently provides two types of public transit services to the citizens of Jackson, Mississippi. These services include fixed route and on-demand or paratransit service. JATRAM officials and the Jackson MPO work cooperatively to conduct the performance-based continuing, comprehensive, and cooperative transportation planning process for the Jackson Urbanized Area.



PERFORMANCE MEASURES AND TARGETS

Working collectively, MPOs, DOTs, and designated transit providers are required to establish performance targets for each applicable measure established by federal legislation. A measure is a statement of what is being assessed, and a target is a quantifiable level of performance or what you hope to achieve within an identified time period. The Transit Asset Management final rule requires targets to be set for 4 performance measures. Designated transit providers must adopt targets for the performance of their transit assets annually for the ensuing year. MPOs must establish TAM targets specific to the MPO planning area within 180 days of the transit provider establishing its initial TAM targets. The MPO then updates its TAM targets every four years.

- Rolling Stock:** the percentage of revenue vehicles (by type) that exceed the Useful Life Benchmark (ULB).
- Equipment:** the percentage of non-revenue service vehicles (by type) that exceed the ULB.
- Facilities:** the percentage of facilities (by group) that are rated less than 3.0 on the Transit Economic Requirement Model (TERM) Scale.
- Infrastructure:** the percentage of track segments (by mode) that have performance restrictions. Not applicable to the Jackson Metropolitan area.

THE DATA

BASELINE INVENTORY

ASSET CATEGORY	ASSETS	CURRENT CONDITION	JATRAN 2019 TARGET
Rolling Stock Revenue vehicles	BU – Buses 36	21 buses exceeds default Useful Life Benchmark (ULB)	No more than 58% of bus fleet exceeds ULB
	CU - Cutaway Buses 23	12 cutaways exceed default ULB	No more than 52% of cutaway bus fleet exceed ULB
	MV – Minivans 2	2 minivans exceed default ULB	100% of minivan fleet exceeds ULB
Equipment Non-revenue vehicles	Truck 1	1 truck exceeds default ULB	100% of truck fleet exceeds ULB
	SUV 1	0 SUV exceeds default ULB	No more than 0% of SUV fleet exceeds ULB
	Car 2	2 cars exceed default ULB	100% of car fleet exceeds ULB
Facilities	Administration Buildings 2	1 rated 4 on TERM scale: in Good Condition, but no longer new; 1 rated 1 on TERM scale: critically damaged and in need of immediate repair	No more than 50% rated below a 3.0 on the FTA TERM Scale
	Maintenance 1	1 in Good Condition, but no longer new	0% rated below a 3.0 on the FTA TERM Scale
	Service Building 1	1 in Good Condition, but no longer new	0% rated below a 3.0 on the FTA TERM Scale
	Passenger Facility 1	1 in Good Condition, not no longer new	0% rated below a 3.0 on the FTA TERM Scale

Source: City of Jackson July 2018

JACKSON MPO 2019-2022 TRANSIT ASSET MANAGEMENT TARGETS

ASSET CATEGORY	PERFORMANCE MEASURE	ASSET	MPO 2019 - 2022 TARGET
Rolling Stock	Age - % of revenue vehicles within a particular asset class that have met or exceeded their Useful Life Benchmark (ULB)	Buses	No more than 50%
		Cutaway Buses	No more than 50%
		Minivans	No more than 50%
Equipment	Age - % of non-revenue vehicles that have met or exceeded their Useful Life Benchmark (ULB)	Trucks	No more than 50%
		SUV	No more than 50%
		Cars	No more than 50%
Facilities	Condition - % of facilities with a condition rating below 3.0 on the FTA TERM Scale.	Administration	50% rated below 3.0
		Maintenance	0% rated below 3.0
		Service	0% rated below 3.0
		Passenger	0% rated below 3.0