

Goals & Objectives

Planning Theme	FAST Act National Planning Emphasis Area	Current Livability 2040 RTP Goals	Livability 2050 RTP Update Goals	Livability 2050 RTP Update Objectives	Federal Performance Measures ²
Connections & Choices	Increase the accessibility and mobility of people and for freight	2040 RTP Goal 6: Improve multimodal access to community and employment resources	Goal 1: Improve multimodal access to community and employment resources	<ul style="list-style-type: none"> 1.1 Improve bicycle and pedestrian access to educational, health, and recreational opportunities 1.2 Expand transit service to unserved regional employment markets 1.3 Expand rural human services transportation services into areas not currently served 1.4 Advance TDM strategies to support last mile connections for key employment origins and destinations 	
	Enhance the integration and connectivity of the transportation system, across and between modes, for people and freight ¹	2040 RTP Goal 6: Improve multimodal access to community and employment resources	Goal 2: Support a fully integrated multimodal network that advances the concept of complete streets	<ul style="list-style-type: none"> 2.1 Support complete streets implementation 2.2 Support bicycle, pedestrian, and transit improvements as incidental improvements as roadway improvements occur. 2.3 Support integrated and expanded greenway/multiuse plans 	
Economic Vitality	Support the economic vitality of the metropolitan area, especially by enabling global competitiveness, productivity, and efficiency	2040 RTP Goal 5: Ensure the region is well positioned to remain a leader in global logistics and freight movement	Goal 3: Ensure the region is well positioned to remain a leader in global logistics and freight movement	<ul style="list-style-type: none"> 3.1 Reduce truck delay on critical freight corridors and within key freight hubs 3.2 Reduce intermodal conflict and delay Advance an Airport/Aerotropolis TMA 	Freight Reliability <ul style="list-style-type: none"> • Percentage of Interstate System mileage providing reliable truck travel time
	Enhance travel and tourism ¹	No relevant goal statement	Goal 4: Enhance travel and tourism	4.1 Include the economic development benefits associated with travel and tourism when prioritizing transportation projects.	
Safety and Security	Increase the safety of the transportation system for motorized and nonmotorized users.	2040 RTP Goal 2: Increase the safety and security of the transportation system for all users	Goal 5: Increase the safety and security of the transportation system for all users	<ul style="list-style-type: none"> 5.1 Support projects that address an existing, identified safety or security need 5.2 Support projects, programs, and policies that advance safe and secure travel for all users over the plan horizon 5.3 Continue coordination with TDOT and MDOT to meet federal safety performance targets 	Safety (5-Year Rolling Average) <ul style="list-style-type: none"> • Number of Fatalities • Fatality Rate (Per 100 million VMT) • Number of Serious Injuries • Serious Injury Rate (Per 100 million VMT) • Number of Non-Motorized Fatalities and Serious Injuries
	Increase the security of the transportation system for motorized and nonmotorized users				
Sustainable Growth	Protect and enhance the environment, promote energy conservation, improve the quality of life, and promote consistency between transportation improvements and State and local planned growth and economic development patterns	2040 RTP Goal 4: Advance corridor and community redevelopment opportunities to improve economic development and quality of life	Goal 6: Advance corridor and community redevelopment opportunities to improve economic development, public health, and quality of life	<ul style="list-style-type: none"> 6.1 Encourage access management planning and design to maintain minimum level of service (on regional mobility corridors) 6.2 Encourage context sensitive solutions derived from integrated transportation/land use planning efforts 	Total Emissions Reduction <ul style="list-style-type: none"> • Total emissions reductions by applicable pollutants under the CMAQ program
	Improve the resiliency and reliability of the transportation system and reduce or mitigate stormwater impacts of surface transportation	2040 RTP Goal 3: Minimize adverse impacts of transportation investment on the (social, natural, historic) environment and public health	Goal 7: Minimize adverse impacts of transportation investment on the (social, natural, historic) environment	<ul style="list-style-type: none"> 7.1 Preserve and protect natural resources 7.2 Provide multimodal, active transportation options that reduce vehicle miles travelled and air pollution and improve public health 7.3 Design the transportation network in a way that protects air and water quality, manages storm water runoff and preserves green space. 	

Planning Theme	FAST Act National Planning Emphasis Area	Current Livability 2040 RTP Goals	Livability 2050 RTP Update Goals	Livability 2050 RTP Update Objectives	Federal Performance Measures ²
System Preservation	Promote efficient system management and operation	2040 RTP Goal 7: Reduce travel delay for people and goods	Goal 8: Reduce travel delay for people and goods	8.1 Address critical highway bottlenecks as a priority 8.2 Focus capacity investment on corridor connections to regional employment centers 8.3 Improve system operations through technology applications	NHS Travel Time Reliability <ul style="list-style-type: none"> Percent of the Person-Miles Traveled on the Interstate that are reliable Percent of the Person Miles Traveled on the Non-Interstate National Highway System that are reliable Traffic Congestion <ul style="list-style-type: none"> Annual hours of peak hour excessive delay per capita Percentage of Non-Single Occupancy Vehicle Travel
	Emphasize the preservation of the existing transportation system	2040 RTP Goal 1: Maintain existing transportation assets and infrastructure	Goal 9: Maintain existing transportation assets and infrastructure	9.1 Maintain existing assets as a priority, before system expansion is considered 9.2 Prioritize strategies to better manage travel demand on existing infrastructure before adding new infrastructure 9.3 Promote construction/maintenance techniques, materials, and practices that minimize maintenance needs over the plan horizon	Pavement Conditions <ul style="list-style-type: none"> Percentage of pavements on the Interstate System in Good condition Percentage of pavements on the Interstate System in Poor condition Percentage of the non-interstate National Highway System in Good condition Percentage of the non-interstate National Highway System in Poor condition Bridge Condition <ul style="list-style-type: none"> Percentage of National Highway System bridges classified as in Good condition Percentage of National Highway System bridges classified as in Poor condition

¹The blue box indicates a new national planning emphasis area identified in the FAST Act legislation.

²Performance Measures shown are only those being considered at a federal level. The Safety Performance Targets are the only finalized metrics, and the others are estimated to be finalized at various times through 2018. You can read more at the MPOs website: <http://memphimpo.org/resources/trends/performance-measures>

Demographic and Employment Forecasts

Demographic and employment forecasts are used in the regional travel demand model as inputs to estimate travel. Control total are estimates of the total amount of growth that may occur in the model’s study area. County-level control total forecasts for population, households, and employment were developed and approved as part of the 2040 Regional Transportation Plan development and were based on historic trends, economic and housing data, census data and growth rate projections from third party sources. The following tables show the county-level estimates for each analysis year in the travel demand model and 2050 RTP.

Population

County	2016	2020	2030	2040	2050
Crittenden	50,923	50,938	50,974	51,010	51,046
DeSoto	181,763	196,521	239,558	292,020	355,971
Fayette	41,056	42,893	47,932	52,932	58,902
Marshall	38,502	39,427	41,851	44,423	47,154
Shelby	950,291	965,619	1,004,035	1,041,684	1,082,732
Tate	31,241	32,889	37,447	42,637	48,546
Tipton	67,048	71,238	80,886	89,316	101,358
Tunica	11,839	12,590	14,706	17,178	20,065
Total	1,372,664	1,412,115	1,517,389	1,631,200	1,765,774

Households

County	2016	2020	2030	2040	2050
Crittenden	19,034	19,039	19,053	19,066	19,080
DeSoto	65,092	70,377	85,790	104,577	127,479
Fayette	15,503	16,197	18,099	19,988	22,242
Marshall	13,858	14,191	15,063	15,989	16,972
Shelby	359,542	365,341	379,875	394,120	409,650
Tate	10,853	11,426	13,009	14,812	16,865
Tipton	23,728	25,211	28,625	31,608	35,870
Tunica	4,314	4,587	5,358	6,259	7,311
Total	511,922	526,369	564,872	606,419	655,469

Employment

County	2016	2020	2030	2040	2050
Crittenden	21,444	22,516	25,877	29,962	34,336
DeSoto	64,081	70,684	90,571	113,942	140,262
Fayette	10,107	11,091	14,657	19,708	26,486
Marshall	8,525	9,103	10,981	13,365	16,055
Shelby	556,846	585,269	663,013	744,141	830,170
Tate	7,456	7,961	9,604	11,689	14,042
Tipton	12,899	13,396	14,739	16,223	17,849
Tunica	15,875	16,951	20,448	24,888	29,897
Total	697,234	736,971	849,890	973,918	1,109,097