

Economic Impact Analysis of the Calhoun Area Metropolitan Planning Organization Fixed Transit Route Service

Summary of Key Findings

The economic ramifications of transportation within the Calhoun MPO were meticulously evaluated through the utilization of the REMI TranSight model TS-ALwin20.70 - Calhoun Alabama – v5.0.1, comprising two distinct regions: Calhoun MPO and the remaining expanse of Alabama. The simulations demonstrated that heightened public transit ridership yielded advantageous outcomes for the economy, resulting in projected increments in employment, population, and Gross Domestic Product (GDP).

The analysis calculates the effect of increasing commuting costs on employer access to workers, increasing labor productivity and subsequently influencing employment. Eight simulations were conducted to account for two different ridership measurement methods, representing monthly ridership as 1.7% of monthly trips and 6.6% of the population.

In summary, the analysis reveals transportation's diverse impact on the region's economy, with employment effects ranging from 50 to 285 jobs annually, depending on the scenario. These findings underscore the transformative potential of transportation adjustments. Simulations consistently show increased employment, population, and GDP, highlighting its pivotal role in regional prosperity. Policymakers can utilize tailored transportation strategies to spur economic growth, boost workforce participation, and enhance overall quality of life. This reaffirms the enduring significance of efficient transportation systems in regional development.

Inputs – Additional Employment in Calhoun Area MPO using the 1.7% Calculation

Increase in Ridership	2024	2030	2040	2050
10%	50	53	54	57
30%	151	158	162	171
50%	253	264	270	285
Jacksonville 23.5%	118	124	127	134

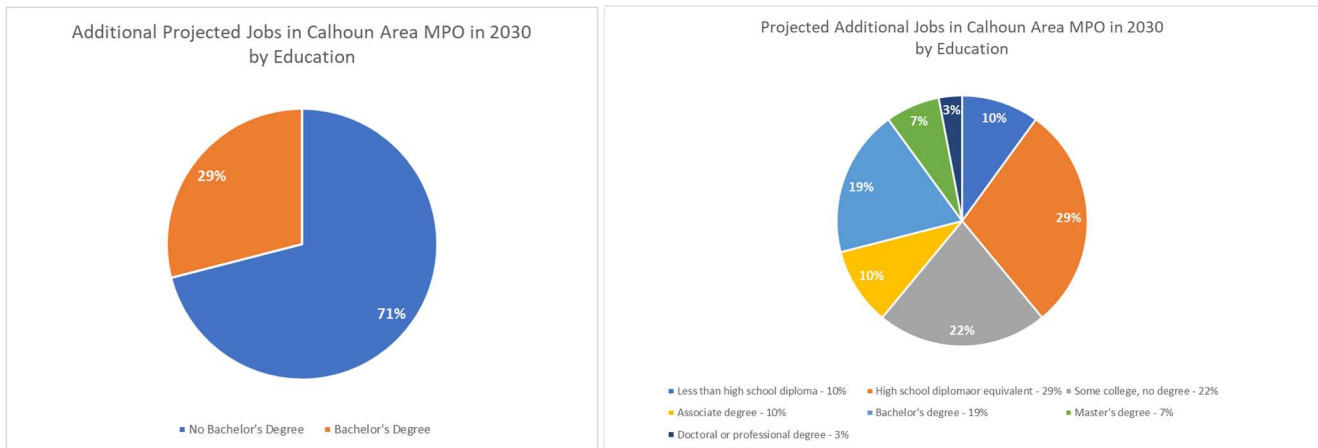
Inputs – Additional Employment in Calhoun Area MPO using the 6.6% Calculation

Increase in Ridership	2024	2030	2040	2050
10%	201	211	215	228
30%	612	640	653	690
50%	1,034	1,079	1,101	1,163
Jacksonville 23.5%	478	500	511	540

Results – Job Impacts by Scenario

Calhoun Area MPO	2024	2029	2034	2039	2044	2049	2050
1.7p 10%	50	52	53	53	55	57	57
1.7p 23.5% (Jacksonville)	118	124	125	126	129	133	134
1.7p 30%	151	158	159	161	165	170	171
1.7p 50%	253	264	266	269	276	284	285
6.6p 10%	201	210	212	214	220	226	228
6.6p 23.5% (Jacksonville)	478	499	503	509	521	537	540
6.6p 30%	612	639	644	651	667	687	690
6.6p 50%	1,034	1,078	1,086	1,097	1,124	1,157	1,163

Results – Jobs by Educational Attainment



Results – Compensation by Industry Quintile

