

EASTERN SHORE METROPOLITAN PLANNING ORGANIZATION

2040 LONG RANGE TRANSPORTATION PLAN

APPENDIX F LIVABILITY INDICATORS

1. Percentage of LRTP projects that contain bicycle and pedestrian elements, excluding transit projects.

- N/A – LRTP not yet in place.

2. Percentage of transportation investment from the Long Range Transportation Plan (LRTP) dedicated to enhancing accessibility of existing transportation facilities.

- N/A – LRTP not yet in place.

3. Percentage of household income spent on housing and transportation.

Transportation Costs as a Percentage of Income*					
	ESMPO	Average AL MPOs	Lake-Sumter (FL) MPO	Midland-Odessa (TX) MPO	Fargo-Moorhead (ND) MPO
Minimum:	28.8%	27.0%	26.9%	24.2%	22.2%
Average:	31.1%	33.4%	30.3%	29.6%	28.4%
Maximum:	34.5%	45.9%	39.8%	38.4%	37.2%

*Household Transportation Costs are calculated as the sum of Auto Ownership Costs, Auto Use Costs, and Public Transit Costs. Dividing these costs by the representative income illustrates the Cost Burden placed on a Typical Household by Transportation Costs.

Housing Costs as a Percentage of Income*					
	ESMPO	Average AL MPOs	Lake-Sumter (FL) MPO	Midland-Odessa (TX) MPO	Fargo-Moorhead (ND) MPO
Minimum:	11.4%	8.1%	8.2%	6.8%	10.7%
Average:	25.1%	22.7%	19.0%	18.5%	23.1%
Maximum:	36.9%	48.7%	49.1%	39.2%	55.8%

*Housing Costs factored as a percent of income has widely been utilized as a measure of affordability. Traditionally, a home is considered affordable when the costs consume no more than 30% of household income.

Housing + Transp. Costs as a Percentage of Income*					
	ESMPO	Average AL MPOs	Lake-Sumter (FL) MPO	Midland-Odessa (TX) MPO	Fargo-Moorhead (ND) MPO
Minimum:	45.3%	37.5%	35.7%	32.0%	33.8%
Average:	56.2%	56.1%	49.3%	48.1%	51.5%
Maximum:	66.8%	84.6%	80.7%	71.3%	88.0%

*H+T has been developed as a more complete measure of affordability beyond the standard method of assessing only Housing Costs. By taking into account both the cost of housing as well as the cost of transportation associated with the location of the home, H+T provides the true cost of housing decisions. Dividing these costs by the representative income illustrates the Cost Burden placed on a Typical Household by combined H+T expenses.

(Data derived from the Center for Neighborhood Technology, Housing + Transportation Affordability Index, available at <http://htaindex.cnt.org/>)

4. Percentage of Workforce Commuting to Work by Bike

Percentage of Workforce Commuting to Work by Bike *	
	Percent Workforce:
Percent by Bike:	0.64%
Percent Males by Bike:	0.37%
Percent Females by Bike:	0.27%

*Data collected from the American Communities Survey at the census tract level. Percentages include data from all census tracts that intersect the MPO Planning Area.

(Data derived from the U.S. Census Bureau's American Community Survey, available at <http://factfinder2.census.gov/>)

5. Percentage of Workforce Walking to Work

Percentage of Workforce Walking to Work*	
	Percent Workforce:
Percent Walking:	0.84%
Percent Males Walking:	0.32%
Percent Females Walking:	0.52%

*Data collected from the American Communities Survey at the census tract level. Percentages include data from all census tracts that intersect the MPO Planning Area.

(Data derived from the U.S. Census Bureau's American Community Survey, available at <http://factfinder2.census.gov/>)

6. Percentage of Workforce Utilizing Public Transit

Percentage of Workforce Commuting to Work on Public Transit*	
	Percent Workforce:
Percent Walking:	0.26%
Percent Males Walking:	0.03%
Percent Females Walking:	0.24%

*Data collected from the American Communities Survey at the census tract level. Percentages include data from all census tracts that intersect the MPO Planning Area.

(Data derived from the U.S. Census Bureau's American Community Survey, available at <http://factfinder2.census.gov/>)

7. Percentage of jobs and housing located within one-half (1/2) mile of transit service.

Percentage Jobs and Housing within One-half (1/2) Mile of Transit Service		
	For Work Trips*	For Day Trips**
Housing:	49.7%	100.0%
Jobs:	63.4%	100.0%

*Represent the number of jobs or homes in a census block within one-half mile of a transit route that operates on a schedule that would allow a passenger to arrive at work by 8 AM and depart from work after 5 PM.

**The Baldwin Rural Area Transit Service (BRATS) operates a demand response system that can provide rides from any home or business in the planning area to any other home or business in the planning area during any business day. However these rides must be scheduled in advance and are limited to only one or two pick-up or drop-off times in a given day. These demand response routes do not offer sufficient flexibility to service individuals desiring to commute to work.

(Data provided by Baldwin Rural Area Transportation System administrative offices)

8. Percent of workforce living within twenty-four (24) miles or less from primary job.

Percentage of Workforce with 24 Miles of Primary Job	
	Percent Workforce:
Less than 10 Miles:	34.1%
10 to 24 Miles:	49.9%
Total within 24 Miles:	84.0%

(Data derived from the U.S. Census Bureau’s On the Map Application, available at <http://lehdmap.ces.census.gov>)