

METROPOLITAN TRANSPORTATION PLAN/SUSTAINABLE COMMUNITIES STRATEGY

Performance Measures for the MTP/SCS

The following tables are new to the MTP/SCS. They are designed to provide a quick reference to the range of measures used to assess the performance of the MTP/SCS, and where in the plan the measure and related analysis may be found.

Land Use Measures

Indicator	Specific Measures	Page(s)
Housing	Growth in housing units by Community Type	29
	Change in housing product mix, 2012 to 2036, and by Community Type	37
	Housing growth through reinvestment	38
Employment	Employment growth in different Community Types by sector	29
	Employment growth by Community Type	29
	Employment growth through reinvestment	38
Land Usage	Compact development: growth in population compared with acres developed	39
	Farmland acres developed - total and per capita	145
	Vernal pool acres developed	40
	Developed acres by Community Type	39
Mix of uses	Jobs-Housing balance within four-mile radius of employment centers	223
	Mix of use by Community Type	73-75
Transit-oriented development	Growth in dwelling units within half-mile of quality transit (in TPA) by county	44
	Growth in employees within half-mile of quality transit (in TPA) by county	44
	New housing product mix in TPAs by county	45
	Proximity to transit by Community Type	73-75
Urban Design	Change in street pattern in different Community Types	73-75
	Change in residential density by Community Type	73-75

Transportation Measures

Indicator	Specific Measures	Page(s)
Driving access	Total jobs within 30-minute drive by Community Type	73-75
Vehicles Miles Traveled (VMT)	Total weekday VMT & average annual growth rates - regionally, by county, and per capita	79
	Weekday VMT by source and total	81
	Commute share of household-generated VMT	81
	Weekday VMT by source per capita or per job	81
	Total VMT per capita	81
	Percent change in VMT per capita or per job compared to 2012	81
	Weekday household-generated VMT per capita by Community Type	82
	Weekday household-generated VMT per capita by TPA	83
Congested Vehicle Miles Traveled (VMT)	Household-generated commute VMT by Community Type and regional total Commute VMT per worker by Community Type and regional total	84 84
	Congested VMT total and per capita	91
	Congested VMT by source – total, per capita, per job Congested VMT for household-generated travel by Community Type	91 92
Transit Service	Increases in transit vehicle service hours per day by transit type	112
Transit productivity	Weekday transit vehicle service hours	123
	Weekday passenger boardings per service hour	123
	Farebox revenues as percent of operating costs (farebox recovery rate)	124
Bicycle Infrastructure	Increases in miles of bicycle route mileage by county	114
	Bike route miles per 100,000 population	114
Transit, walk and bike travel	Weekday person trips by transit, walk and bike modes	119
	Transit, walk and bike trips per capita	119
	Transit, bike and walk trips per capita by Community Type	117
	Transit trips per capita by Transit Priority Area (TPA)	118
Roadway Utilization/ Optimal use	Underutilized, optimally utilized, over-utilized roadways by roadway type	97
Commute Travel	Weekday commute tours by mode Commute mode share	108
Non-Commute Travel	Weekday non-commute person trips by mode Non-commute mode share	108

Environmental Measures

Indicator	Specific Measures	Page(s)
Farmland impacts	Farmland conversion	145
	Acres of impact from growth and transportation projects by type of farmland	145
	Percent of Williamson Act contract acres impacted	146
Floodplain development	Percent of housing units expected to be constructed in 200-year floodplain	158
Toxic air contaminants	Percent of population within 500 feet of high-volume roadway by county, region	165
Greenhouse gas emissions	Greenhouse gas emissions by sector	172
	Greenhouse gas emission reductions per capita by pounds per day, percentage	173

Environmental Justice (Low Income and High Minority Areas) Measures

Indicator	Specific Measures	Page(s)
Land Use	Percent of LIHM Area and Non-LIHM Area population in Community Types	190
	Percent of LIHM Area and Non- LIHM Area population in TPAs by county	191
Housing	Housing product mix in LIHM and Non- LIHM Areas by Community Type	193
Transit service	Increases in daily transit vehicle service hours in LIHM Areas	194
Transit accessibility	Accessibility from LIHM and Non- LIHM Areas within 30 minutes by transit to jobs, retail jobs, medical jobs, higher education, park acres	197-201
Mode share	LIHM and Non- LIHM Area transit mode share	201
	Bike and Walk mode share in LIHM and Non- LIHM Areas	212
Auto accessibility	Accessibility from LIHM and Non- LIHM Areas within 30 minutes by car to jobs, retail jobs, medical jobs, higher education, park acres	204-205
Comparison of transit and auto accessibility	Percent of jobs, retail jobs, medical jobs, higher education enrollments, park acres Accessible within 30 minutes by transit vs. car from LIHM and Non- LIHM Areas	206
Toxic air contaminants	Percent of population in LIHM and Non- LIHM areas within 500 feet of high-volume roadway by county, region	207-208

