

Draft 2020 RTP/SCS Performance Measures

Draft 2020 RTP/SCS Goals	2016 RTP/SCS Performance Measures	Draft 2020 RTP/SCS Performance Measures
Encourage regional economic prosperity & global competitiveness.	Additional jobs supported by improved economic competitiveness	Additional jobs supported by improved economic competitiveness
	Additional jobs supported by transportation investments	Additional jobs supported by transportation investments
	Investment benefit/cost ratio	Investment benefit/cost ratio
Improve mobility, accessibility, reliability, & travel safety for people & goods.	Average distance travelled for work & non-work trips	Average distance travelled for work & non-work trips
	Percent of trips less than 3 miles in distance	Percent of trips less than 3 miles in distance
	Work trip length distribution	Work trip length distribution
	Collision rates by severity & by mode	Rate of fatalities per 100 million VMT*
		Rate of serious injuries per 100 million VMT*
Enhance the preservation, security, & resilience of the regional transportation system.	Cost per capita to preserve regional multimodal transportation system in current state of good repair	Cost per capita to preserve regional multimodal transportation system in current state of good repair
	State highway system pavement condition	Interstate highway system pavement condition*
	Local roads pavement condition	Non-Interstate NHS pavement condition*
		National Highway System bridge condition*
Increase person & goods throughput & travel choices within the transportation system.	Person delay per capita	Person delay per capita
	Person hours of delay by facility type	Person hours of delay by facility type
	Truck delay by facility type	Truck delay by facility type
		Non-SOV mode share*
Reduce GHG emissions & improve air quality.	VMT per capita	VMT per capita
	Criteria pollutant & GHG emissions	Criteria pollutant emissions (tons per day)
		GHG emissions per capita

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Support healthy & equitable communities.	Air pollution related health measures	Air pollution related health measures
	Physical activity related health measures	Physical activity related health measures
Adapt to a changing climate & support an integrated regional development pattern & transportation network.	Share of regional employment growth in HQTAs	Share of regional employment growth in HQTAs
	Mode share for walking & biking	Mode share for walking & biking
	Transit mode share	Transit mode share
		Transit boardings per capita
		Climate resiliency metrics**
Leverage new transportation technologies & data-driven solutions that result in more efficient travel.	Travel time distribution for transit, SOV, & HOV modes	Travel time distribution for transit, SOV, & HOV modes
		Mean commute time
Encourage development of diverse housing types in areas well supported by multiple transportation options.	Share of regional household growth in HQTAs	Share of regional household growth in HQTAs
Promote conservation of natural & agricultural lands & restoration of critical habitats.	Land consumption	Land consumption
		Natural lands conservation/carbon sequestration/habitat preservation**
Environmental Justice Performance Measures	Meet Federal Environmental Justice requirements: No unaddressed disproportionately high and adverse effects for low income or minority communities (EJ performance measures are described in greater detail in a separate table)	

Legend
2016 RTP/SCS performance measures carried over for 2020
Potential new performance measures for 2020 RTP/SCS
* MAP-21 federal performance measure
** Pending SCAG evaluation of new SPM Natural Lands Conservation Module data output

Draft 2020 RTP/SCS Goals & Performance Measures

ID	Draft 2020 RTP/SCS Goals	RTP PM	EJ PM
1	Encourage regional economic prosperity & global competitiveness.	1, 2, 3	
2	Improve mobility, accessibility, reliability, & travel safety for people & goods.	4, 5, 6, 7, 8	7, 8, 14
3	Enhance the preservation, security, & resilience of the regional transportation system.	9, 10, 11, 12	
4	Increase person & goods throughput & travel choices within the transportation system.	13, 14, 15, 16	
5	Reduce greenhouse gas emissions & improve air quality.	17, 18, 19	10, 11
6	Support healthy & equitable communities.	20, 21, 22, 23, 24	1, 2, 3, 4, 5, 12, 13, 15, 16, 18, 19
7	Adapt to a changing climate & support an integrated regional development pattern & transportation network.	26, 27, 28, 31	17
8	Leverage new transportation technologies & data-driven solutions that result in more efficient travel.	29, 30	
9	Encourage development of diverse housing types in areas well supported by multiple transportation options.	25	6, 9
10	Promote conservation of natural & agricultural lands & restoration of critical habitats.	32	

ID	Draft 2020 RTP/SCS Performance Measures	RTP Goals
1	New jobs supported by improved economic competitiveness	1
2	New jobs supported by transportation system investments	1
3	Transportation system investment benefit/cost ratio	1
4	Average distance traveled for work & non-work trips	2
5	Percent of trips less than 3 miles in distance	2
6	Work trip length distribution (10 miles or less/25 miles or less)	2
7	Collision fatality rate (per 100 million vehicle miles)	2

ID	Draft 2020 RTP/SCS Performance Measures	RTP Goals
8	Collision serious injury rate (per 100 million vehicle miles)	2
9	Cost per capita to preserve regional multimodal transportation system in current state of good repair	3
10	Interstate highway system pavement condition	3
11	Non-interstate National Highway System pavement condition	3
12	National Highway System bridge condition	3
13	Person delay per capita	4
14	Person delay by facility type (highway/arterial)	4
15	Truck delay by facility type	4
16	Non-SOV mode share	4
17	VMT per capita	5
18	Criteria pollutant emissions (tons per day)	5
19	GHG emissions per capita	5
20	Air pollution-related health measures (annual incidence & cost)	6
21	Physical activity-related health measures: Obesity rate	6
22	Physical activity-related health measures: Hypertension rate	6
23	Physical activity-related health measures: Heart disease rate	6
24	Physical activity-related health measures: Diabetes (type 2) rate	6
25	Share of household growth in HQTAs	9
26	Share of employment growth in HQTAs	7
27	Transit mode share	7
28	Transit boardings per capita	7
29	Travel time distribution by mode (transit, SOV, HOV)	8
30	Mean commute time	8
31	Mode share for walking & biking (combined)	7
32	Land consumption (square miles)	10

ID	Draft 2020 RTP/SCS EJ Performance Measures	RTP Goals
1	2016 RTP/SCS revenue sources in terms of tax burdens	6
2	Share of transportation system usage	6
3	2016 RTP/SCS investments	6
4	Distribution of travel time savings & travel distance reductions	6
5	Geographic distribution of transportation investments	6
6	Jobs/housing imbalance	9
7	Accessibility to employment & services	2
8	Accessibility to parks & schools	2
9	Gentrification & displacement	9
10	Emissions impact analysis	5
11	Air quality impacts along freeways & highly traveled corridors	5
12	Aviation noise impacts	6
13	Roadway noise impacts	6
14	Active transportation hazard	2
15	Rail-related impacts	6
16	Public health impacts	6
17	Climate resilience	7
18	Proposed Mileage-Based User Fee (MBUF) impacts	6
19	Seismic risk	6