

Draft Data Metrics for CARB SB 375 Performance Report

California Air Resources Board (CARB) staff have identified the following seven indicator areas for its SB 150 work. The final report will present information statewide, by MPO, and possibly by subregional geographies (e.g., counties) where available. The chart below outlines the (draft) monitoring time period and data sources. Grayed sections represent metrics for which we are still researching their availability for the September 2018 report timeframe.

CARB has identified external data sources for most items but is requesting MPO assistance in the six items highlighted in yellow below, for which we are intending to use MPO reporting. CARB is also asking that MPOs confirm the scenario assumptions to which the report will compare monitoring data in those areas where the right most column titled “Compare to Regional Transportation Plan (RTP)?” is marked “yes” below.

Indicator 1: Progress Toward SB 375 GHG Emissions Reduction Targets	Monitoring Year	Source	Compare to RTP?
A GHG/capita	up to 2016	Derived from HPMS	Yes
Indicator 2: Shifting Travel Patterns			
A VMT/capita	up to 2016	HPMS	Yes
B Drive to work alone	2005-2016	ACS	-
C Transit boardings	2005-2016	NTD	Yes
D Carpooling to work	2005-2016	ACS	-
E Vehicle ownership	2005-2016	DMV/ACS	Yes
F Vehicle hours of delay (<55 mph)	2005-2017	PeMS	-
Indicator 3: Funding and Delivering Travel Choices			
A Transportation spending			
- Total spending planned in RTP, by mode	RTP period	MPO	-
- Planned use of local & state funds, by mode	RTP period	MPO	-
- Programmed spending, by mode	TIP period	MPO	Yes
- State Transportation Improvement Program	2006-2018	Caltrans	-
- Transit operations spending	2005, 2010, 2012, 2016	NTD	Yes
- Under-served communities spending (GGRF)	[TBD]	CARB / GGRF	-
B Lane miles built by type	2012-2014, 2016	Caltrans	-
C Transit service hours per capita	2005-2016	NTD	-
D Transit and all-mode commute time for low-income communities	2010, 2016	ACS	-
E Transit and all-mode commute time for unincorporated areas	2010, 2016	ACS	-

Indicator 4: Efficient and Sustainable Regional Growth				
A	Acres conserved Permanently conserved (fee title)	2009, 2017	www.calands.org	-
B	Farmland and rangeland lost Agriculture & grazing lands: acreage decline	2004-2014	FMMP	-
C	Acres urbanized Residential / commercial acres, normalized by homes / jobs built	2004-2014	FMMP / EDD, DOF	Yes
D	MF / SF split	2005-2016	DOF	Yes
E	Jobs-housing balance Ratio of jobs to housing by county	2005-2016	EDD, DOF	Yes
F	Jobs/housing growth near transit	2005, current year	MPO	Yes
Indicator 5: Walkable, Healthy Communities				
A	Walk / bike to work	2005-2016	ACS	-
B	Injuries / fatalities by mode	[TBD]	Caltrans	-
C	Grocery store access	2010, 2015	USDA	-
D	Air quality (PM 2.5) Average annual ambient concentration, by county	2005-2017	US EPA	-
E	Air quality (Ozone) Average annual ambient concentration, by county	2005-2017	US EPA	-
Indicator 6: A Fair and Vibrant Economy				
A	Jobs and unemployment rate	2005-2018	EDD	-
B	Jobs by wage level high / med / low			-
C	Local housing plans & permitting - Percent of jurisdictions with certified Housing Elements - Housing units permitted / RHNA allocation - Number of jurisdictions with equity policies		HCD	-
		RHNA cycle	HCD	-
			OPR	-
D	Households overburdened by rent	2008-2016	ACS	-
E	Vacancy rate	2005-2017	DOF	-
F	Displacement risk (method under development)			-
Indicator 7: An Inclusive Planning Process				
A	Proactive efforts to engage underrepresented communities - RTP/SCS meetings with translation and food - Amount of subgrants for community partners to perform outreach, if any	RTP plan development	MPO	-
		RTP plan development	MPO	-