

Figure 36: Cumulative co-pollutant estimated emissions reductions in metric tons by 2030 and 2050.

		Particulate Matter (PM _{2.5})	Nitrogen Oxides (NO _x)	Sulfur Dioxide (SO ₂)	Volatile Organic Compounds (VOC)	Carbon Monoxide (CO)	Particulate Matter (PM _{2.5})	Nitrogen Oxides (NO _x)	Sulfur Dioxide (SO ₂)	Volatile Organic Compounds (VOC)	Carbon Monoxide (CO)
Measure		2030					2050				
 M1	Regional bus rapid transit expansion*	1	20	3	47	2,645	6	91	12	222	12,373
 M2	Provide funding for active transportation projects	0.8	12	1.6	28	1,588	3	39	5	95	5,289
 M3	Regional Transportation Demand Management program	<0.1	<0.1	<0.1	<0.1	27-54	<0.1	<0.1	<0.1	<0.1	105-130
 M4	Coordination of Electric Vehicle charging locations and infrastructure purchases	<0.1	<0.1	<0.1	0.1	11	<0.1	0.1	<0.1	0.4	53.5
 M5	Low-Income Decarbonization	<0.1	7	0.2	0.4	8,645	284	2,031	248	89	68,786
 M6	Energy Advising**	0.3	65	<0.1	4	729,214	2	538	2	31	6,044,365

*Increases in transit infrastructure are correlated with increased ridership – additional ridership is correlated with a reduction in particulate matter and ozone precursor emissions. Ozone precursors include volatile organic compounds and nitrogen oxides. As specific ridership estimates were unavailable for the development of the plan, DRCOG staff were unable to calculate specific estimates of co-pollutant reductions. ** This measure will support the buildings implementation measures, but it does not have a direct, associated co-pollutant reduction. *** Emission reductions from measure implementation as compared to BAU.

Figure 36 (continued): Cumulative co-pollutant estimated emissions reductions in metric tons by 2030 and 2050.

		Particulate Matter (PM _{2.5})	Nitrogen Oxides (NO _x)	Sulfur Dioxide (SO ₂)	Volatile Organic Compounds (VOC)	Carbon Monoxide (CO)	Particulate Matter (PM _{2.5})	Nitrogen Oxides (NO _x)	Sulfur Dioxide (SO ₂)	Volatile Organic Compounds (VOC)	Carbon Monoxide (CO)
Measure		2030					2050				
 M7	Rebates and Incentives	0.5	143	<0.1	8	191,726	4	1,095	<0.1	63	1,469,902
 M8	Building Policy Collaborative	212	3,814	844	114	1,741	6,155	102,228	17,652	3,639	55,576
 M9	Collaborate to manage the regional “wasteshed.”	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
 M10	Develop local ordinances and policies to manage the regional “wasteshed.”	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
 M11	Expand public education in the region.	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
 M12	Support expansion of public-private partnerships to improve local circularity.	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1

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