

Number of Vehicular Round Trips Needed to Exceed SLO County APCD's 25 lb of PM10 Emissions/Day Significance Threshold for Given Unpaved Road Distances

Distance of Unmitigated Unpaved Road (miles)	Distance of Unmitigated Unpaved Road (feet)	Unpaved Road Percentage of County Average One Way Trip Distance¹	# of Vehicular Round Trips needed to exceed 25 lb/d Threshold for given Unpaved Road Distance²
0.01	53	0.08%	533.0
0.02	106	0.15%	271.6
0.03	158	0.23%	183.1
0.05	264	0.38%	111.4
0.10	528	0.77%	56.8
0.20	1056	1.54%	28.9
0.30	1584	2.31%	19.5
0.40	2112	3.08%	14.7
0.50	2640	3.85%	11.9
0.60	3168	4.62%	9.9
0.70	3696	5.38%	8.5
0.80	4224	6.15%	7.5
0.90	4752	6.92%	6.7
1.00	5280	7.69%	6.0
1.25	6600	9.62%	4.9
1.50	7920	11.54%	4.1
1.75	9240	13.46%	3.5
2.00	10560	15.38%	3.1
12.50	66000	96.15%	0.5

1. San Luis Obispo County Average One Way Trip Distance is 13 miles.
2. Based on CA ARB's PM10 Emission Factor of 2.0 lbs PM10 per Vehicle Mile Traveled; www.arb.ca.gov/ei/areasrc/fullpdf/FULL7-10.pdf
3. Table was generated by SLO County APCD using the URBEMIS land use model.