

## South Coast Air Basin

### Transportation Conformity Budgets for PM 10

#### Annual Average Planning Emissions in Tons per Day

	2010			2020			2030		
	ROG	NOx	PM10	ROG	NOx	PM10	ROG	NOx	PM10
<b>On-Road Emissions from EMFAC2007</b>	174.3	386.4	23.1	107.1	191.1	22.0	79.4	127.7	22.6
Paved Road Dust			123.4			129.3			135.2
Un-paved Road Dust			10.3			10.2			10.2
Road Construction Dust			2.4			2.4			2.5
Adjustments to Baseline*	-0.3	-14.7	-0.2	-1.1	-11.8	-0.3	-2.1	-11.7	-0.6
Growth Allowance	7.0			4.0			3.0		5.0
<b>Net Inventory</b>	<b>181.1</b>	<b>371.7</b>	<b>159.0</b>	<b>110.0</b>	<b>179.3</b>	<b>163.6</b>	<b>80.3</b>	<b>116.0</b>	<b>174.9</b>
<b>Conformity Budget**</b>	<b>182</b>	<b>372</b>	<b>159</b>	<b>110</b>	<b>180</b>	<b>164</b>	<b>81</b>	<b>116</b>	<b>175</b>

\* Reductions from adopted rules not reflected in EMFAC

\*\* Budget is obtained by rounding up to the nearest ton.

Notes: Paved and unpaved road dust is calculated by the South Coast AQMD and is reported in Table 3-2 in the adopted plan.

Road construction dust is a component of the Construction/Demolition category in Table 3-2 in the adopted plan.

Vehicle activity data used in EMFAC was received from SCAG in April 2009, and reflects SCAG's 2008 RTP, Amendment 1.

The adjustment for future VMT growth is to account for additional directly emitted PM 10 from anticipated growth in VMT. The adopted maintenance plan analyzes the impact of an additional 20 tons per day of PM 10 beyond the 2007 AQMP/SIP baseline and concludes that the Basin will continue to maintain the PM 10 standard.

An additional 5 tons of PM10 is added to account for this anticipated VMT growth while setting an emissions budget that ensures continued maintenance of the standard.

An additional 7, 4 and 3 tons of ROG is added in 2010, 2020 and 2030, respectively to account for increased ROG emissions from anticipated growth in VMT.

Analysis by the South Coast District concluded that these budgets are consistent with continued maintenance of the standard. See the Supplementary Information for a discussion of the South Coast District analysis.

Columns may not add due to rounding