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Proposed  
Carbon Monoxide  
Mobile Source Emissions Budget  
for 2021 & Beyond

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# CAA and EPA Conformity Requirements for Emissions Budgets

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- **regional transportation plans to be consistent with mobile source emissions contained in applicable SIPs**
- **motor vehicle emission budget(s) must:**
  - **be established for the last year of the SIP or any other appropriate year, and**
  - **consider growth in non-mobile sources.**
- **SIPs may quantify explicitly the safety margin allocated to motor vehicle emissions while still demonstrating compliance.**

# Guidance on the Use of MOBILE6 for SIPs and Conformity

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- **Additional justification, beyond the SIP's maintenance demonstration, may be necessary if State decides to reallocate possible excess emission reductions (safety margin) to the motor vehicle emissions budget.**

# Revision to CO Maintenance Plan & Establishing M.S. Emissions Budget

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- **Attainment-Maintenance Area Inventories without oxyfuels and enhanced I/M programs:**

	<b>Tot. Invent.</b>	<b>M.S. Invent.</b>
■ 2001 Baseline	- 1973 tpd	1708 tpd
■ 2021 Maintenance Year	- 1640 tpd	1372 tpd
■ 2030 analysis	- 1746 tpd	1474 tpd

- **Maintenance Demonstrated – Gridded Emissions Inventory Comparison**

- **Safety Margin Available**

- **Technical justification for allocation of safety margin**
  - intersection analysis of future years
  - NAAQS is not exceeded at any intersection in any year.
  - all available safety margin may be allocated.
- **Provide for growth in Area & Point Sources for additional 25 years**

# Emissions Budget Analysis

	<b>W/All controls</b>	<b>Without oxy/IM</b>	<b>Without oxy/IM/WB</b>
<b>2001 Total Inventory</b>	<b>1973</b>	<b>1973</b>	<b>1973</b>
<b>2021 Area &amp; Point</b>	<b>-268</b>	<b>-268</b>	<b>-333</b>
<b>Reserved for A/Pt Growth</b>	<b>-15</b>	<b>-15</b>	<b>-20</b>
<b>MSEB 2021 and beyond</b>	<b>1690</b>	<b>1690</b>	<b>1620</b>
<b>2021 MS</b>	<b>-1166</b>	<b>-1372</b>	<b>-1372</b>
<b>Safety Margin in 2021</b>	<b>524</b>	<b>318</b>	<b>248</b>
<b>2030 MS</b>	<b>-1253</b>	<b>-1474</b>	<b>-1474</b>
<b>Safety Margin in 2030</b>	<b>437</b>	<b>216</b>	<b>145</b>