Long-Term Changes in Gas- and Particle-Phase Emissions from On-Road Diesel and Gasoline Vehicles

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SF Bay Area tunnel study measured emissions of \(~100,000\) LDV and \(1,000\) HDDT
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- Gases: CO₂, CO, NOₓ, NH₃, speciated VOC, NO₂, aldehydes
- Particles: PM₂.₅, BC, OC, N (# cm⁻³), size distributions

ΔPM₂.₅ = −56 ± 12%
ΔPM₂.₅ = −36 ± 17%

LD Vehicle

Diesel Truck