

Updated trends in energy-related black carbon and carbon monoxide emissions:

improved technology model and observational constraints

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- Seasonal emission is zero in summer (heating emission)
- Baseline emission (constant through a year)

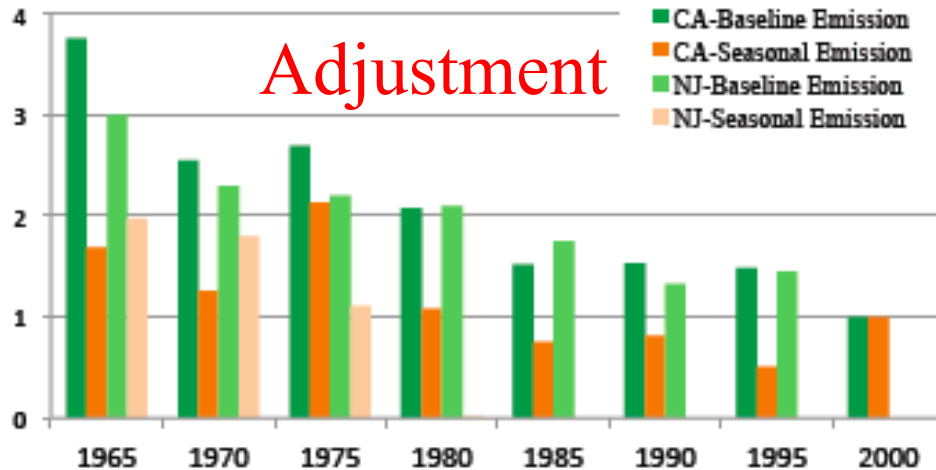
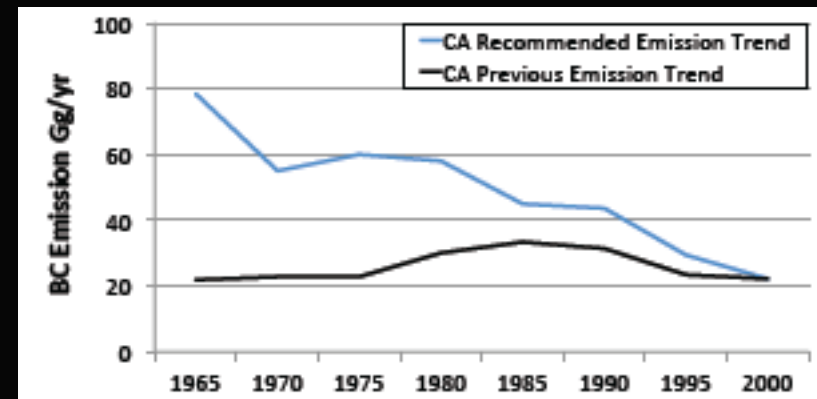


Figure 3 Inferred change factors for seasonal and baseline emission for California and New Jersey for 1965-2000



Before & After

Underestimated: Emission factors for early diesels & residential coal