Critical Review of Mobile Source Inventory Data in EPA 2016v1 and 2016v2 Modeling Platforms

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Emission and MOVES Versions (in Chronological Order)

- **2015 -- 2016: 2014NEI in development**
- 2018 -- 2019: non-NEI 2016 platform began (beta version)
- 2018 August: MOVES2014b released (a minor update to MOVES2014a)
- **2018 -- 2019: 2017NEI in development**
- 2020: 2016v1 continued, 2016v2 in development
- 2020 November: MOVES3 released (a major update to MOVES2014b)
- 2021 March: MOVES3.0.1 (a patch to MOVES3)
- 2021 September: MOVES3.0.2 (another patch)
- **2021 -- 2022: 2020NEI in development**

Major difference between 2016v1 and 2016v2 is MOVES version (from MOVES2014b to MOVES3)

Discussion Points

- Representative county In SMOKE-MOVES
- Fuel month in SMOKE-MOVES
- 2009 recession in age distributions (BY and FY)
- Age distributions for all vehicle types by state
- **■** Five accumulative activities (VMT, VPOP, Starts, Hoteling, ONI)
- Growth Factors
- Extended idling
- Temporal profiles (CRC and traffic counters)
- MOVES and SMOKE portions of SMOKE-MOVES

To be discussed on future MARAMA MJO MOVES calls

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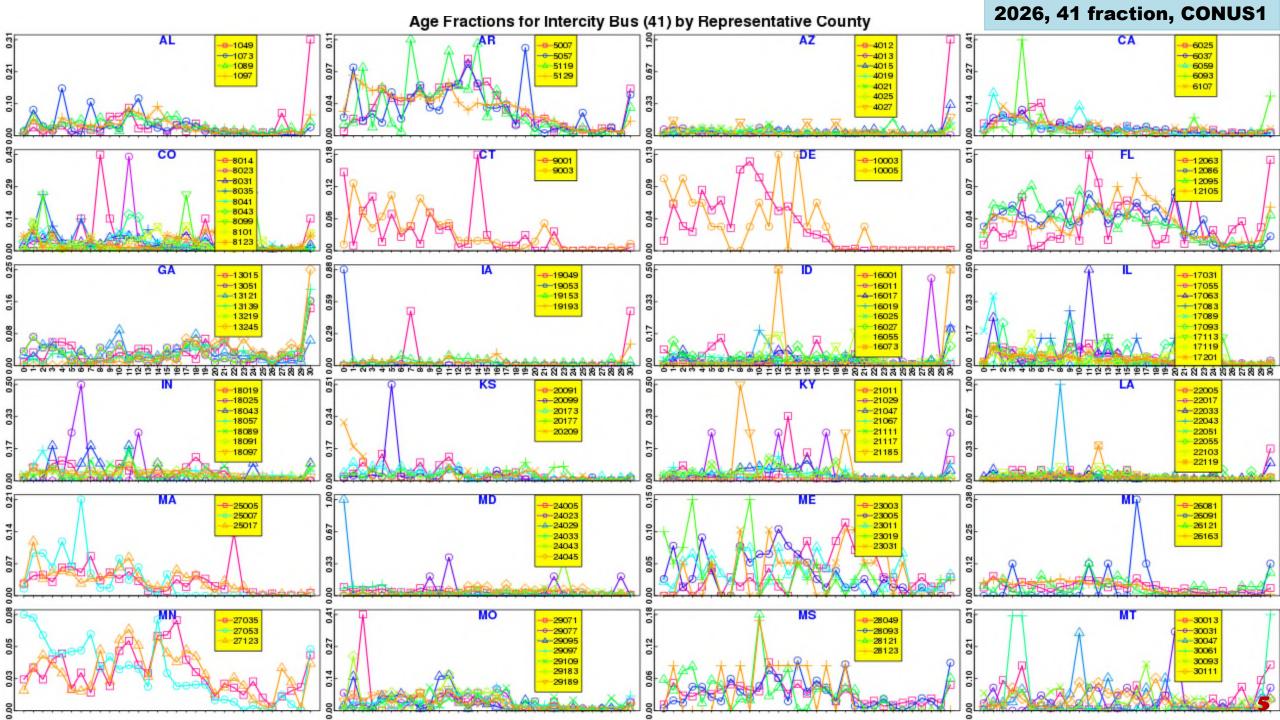
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FHWA Traffic Counters in CONUS States

