

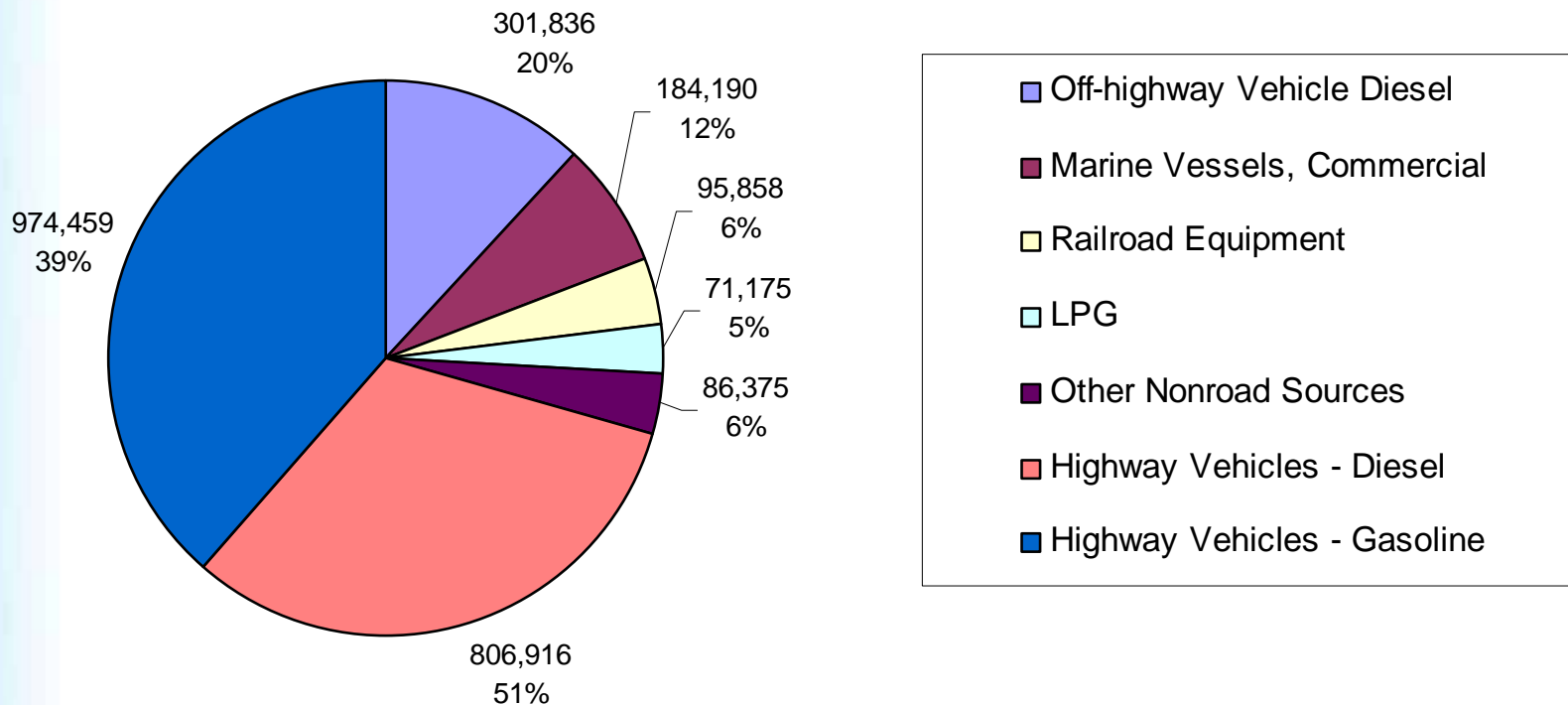
Mobile Source Committee Recommendations for Control Strategies

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Relative Contribution of Source Categories



Reductions on the Table – programs and tools we're counting on

- On-Road Heavy Duty Diesel
- Non-Road
- Conformity Budgets

Where we're looking for additional Reductions

- Locomotive/Marine
- Motor Vehicles
- Small Engines (< 50 Hp)
- Construction Equipment
- Fuels

Mobile Source Analysis

- Work to Date
 - State-led analysis
 - Emission reductions, implementation options, program elements
 - Committee deliberation and recommendations
- Findings
 - Significant reductions coming from federal programs
 - but not within attainment timeframe
 - Much work to be done to address backsliding
 - Most reductions within “non-traditional” sectors

Recommendations

- Develop Implementation Mechanisms for:
 - Anti-Idling: opportunities for regional consistency
 - Retrofits: to address existing engines
 - Reflash-rebuild: to mitigate reductions left from consent decree
- Further assess:
 - Marine and Locomotive: growing source of emissions
 - Airports and Aviation: as alternate to EPA-FAA proposal
 - Conformity: growth management options needed
 - Other vehicle and engine programs for state adoption
- Monitor for future opportunities:
 - Fuels: continue to explore opportunities

Steps to Development

- Develop implementation mechanisms
- Explore pilots
- Focus on regional efforts
- Assess benefits from non-traditional categories including airports and aviation, marine and locomotive, and vehicle miles traveled

Commitment of Resources

- State staff to lead program development
- Staff and financial resources for further technical analysis
- Regional consensus to move forward

Corridor Concept

Goal: implement corridor-wide suite of initiatives

Objectives:

- Bundle several regional measures to encourage acceptance within and beyond the OTR
- Promote measures that work better if there's a critical mass
- Present opportunity to expand to upwind states

Considerations

- Which measures work best along a corridor?
- What does that mean in terms of emission reductions?
- Would it encourage early adoption?
- Would it make implementation any easier?

Some Measures Under Consideration

- Anti-idling measures
 - HDD retrofits
 - Locomotive controls
 - Fleet standards
- Truckstop electrification
 - On-site
 - On-board, Auxiliary power units (APUs)