

# VMT Reduction and Legacy Fleet Improvement

## Overview

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May 18, 2012

Project ID #  
VSS082

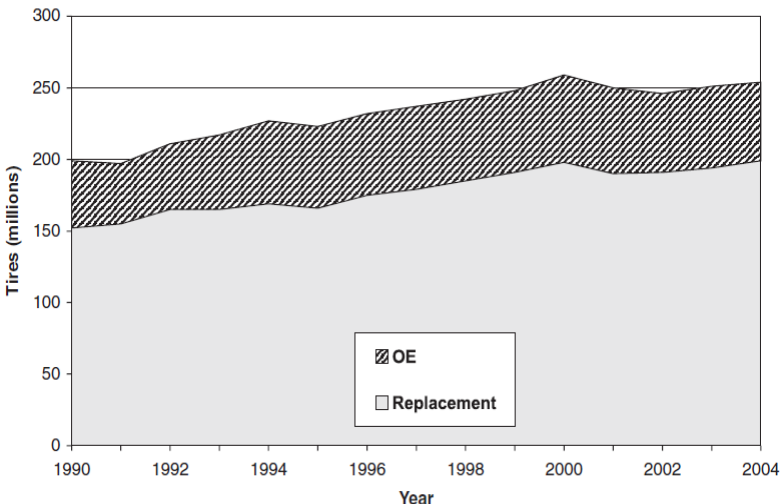
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- The History of This Line Item
- Budget
- Tire Technology Projects
- Driver Feedback Projects
- Future Plans

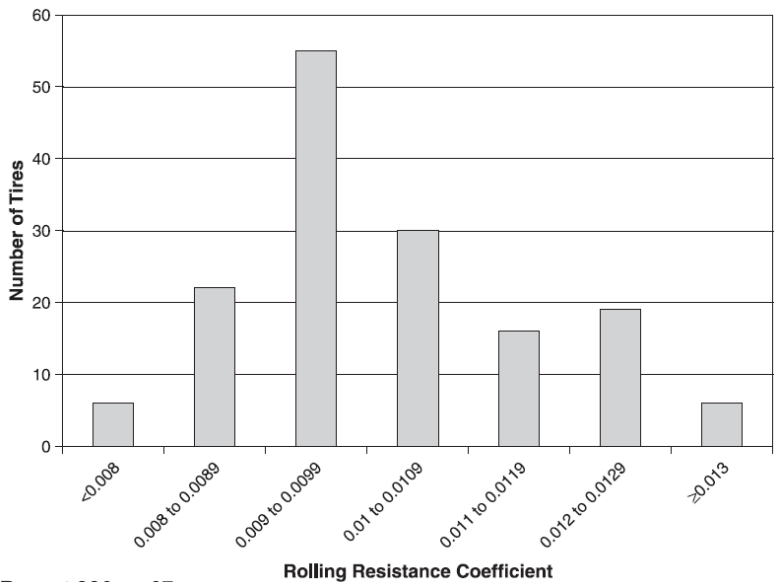
- Objective
  - Affect fuel consumption of the existing fleet
- Tire Technology:
  - No significant DOE-funded work in the last several years
- Driver Feedback:
  - First effort: NREL project in 2010-2011 to help establish goals
- Current status:
  - 3 projects in tire technology
  - 2 projects in driver feedback

- Budget Line
  - Vehicle Technologies
    - Outreach, Deployment & Analysis
      - VMT Reduction and Legacy Fleet Improvement
- Funding
  - FY2012 Omnibus Bill: \$3M
  - FY2013 request: \$2M

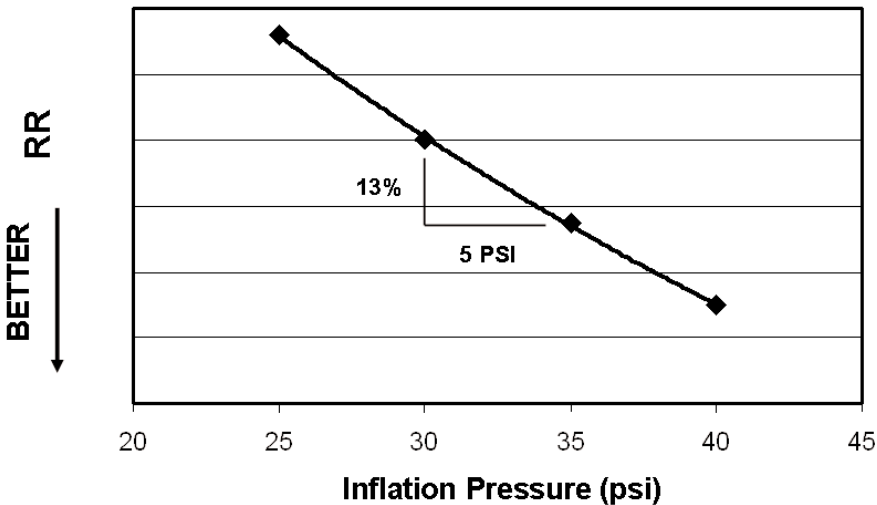
- Technical objectives:
  - 2% reduction in fleet fuel consumption
- Projects
  - Two projects on reducing rolling resistance
    - Cooper
    - PPG
  - One project on automatic tire inflation
    - Goodyear



Ref. TRB Report 286, p. 19 (Source: RMA 2005 data)

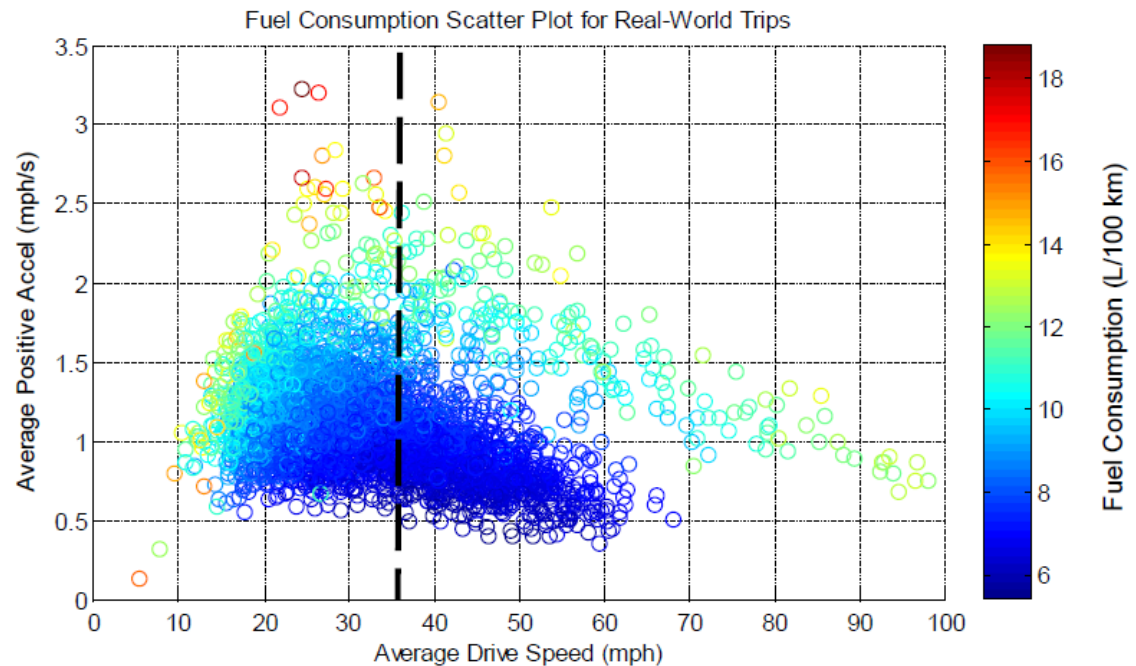


Ref. TRB Report 286, p. 67



Ref. DOT HS 810 561, p. 18

- Technical objectives:
  - 2% reduction in fleet fuel consumption
- Projects
  - University of California - Riverside
  - Eaton



Ref. NREL 2011

- Ensure successful completion of the ongoing projects
- Evaluate other means of affecting legacy fleet
- Consider approaches to reducing VMT