

Department of Consumer Affairs
Bureau of Automotive Repair

Smog Check Performance Reports

Garrett Torgerson, Engineering & Research Branch
BAR Advisory Group Meeting
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Smog Check Reporting Requirements

- Smog Check Performance Report (SCPR) (H&S §44024.5(b))
 - AB 2289 (Statutes of 2010) – Recreate analysis originally used to justify AB 2289, STAR
- U.S. EPA Annual Report (I/M Rule Section 51.366)
 - Analyses of failure rates, number of retests, vehicles not certified after initial failure, etc.
- SCPR now on BAR's Web site; EPA Report next month

Roadside ASM Failure Rates for 1976 – 1995 Model-Year Vehicles Within One Year Of Passing a Smog Check

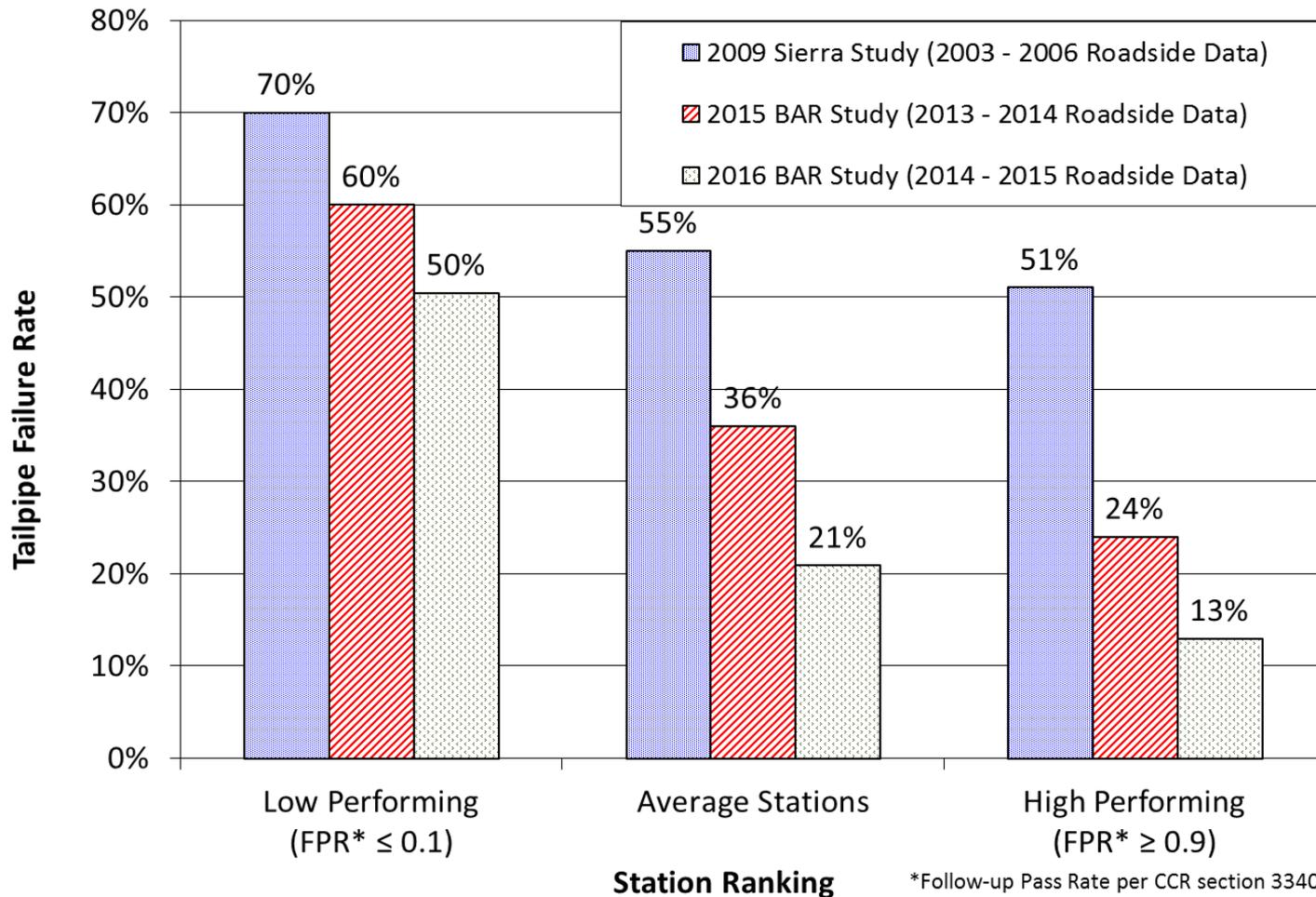
Initial Smog Check Result	Sierra 2009 Study (2003-2006 Roadside Data)	BAR 2016 Study* (2014-2015 Roadside Data)		
		All Station Types	Non-STAR	STAR
Fail**	49% (576)	34% (716)	44% (25)	33% (691)
Pass***	19% (2327)	21% (2324)	27% (113)	21% (2211)
Overall Re-fail Rate	24% (2903)	24% (3040)	30% (138)	24% (2902)

*Note: Roadside sample sizes are shown in parentheses beneath the re-fail rate percentages.

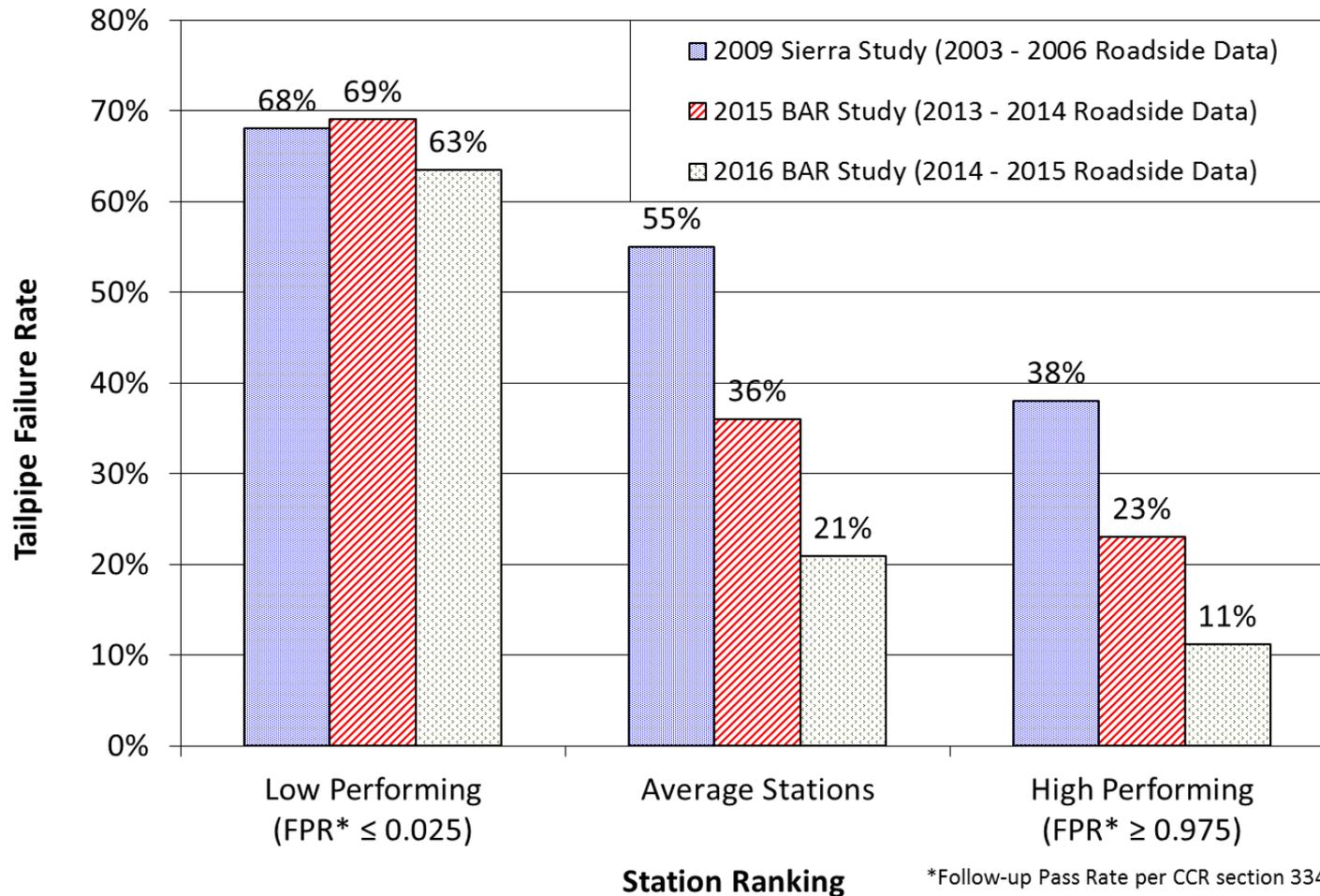
**Note: Although these vehicles failed their initial Smog Check, they eventually were certified as passing the inspection, but subsequently (within 1 year) failed a Roadside inspection.

***Note: Although these vehicles passed their initial Smog Check, they subsequently (within 1 year) failed a Roadside inspection.

Roadside ASM Tailpipe Failure Rate Within 1 Year 1976-1995 Model Year Vehicles (Scenario #1)



Roadside ASM Tailpipe Failure Rate Within 1 Year 1976-1995 Model Year Vehicles (Scenario #2)



*Follow-up Pass Rate per CCR section 3340.1

Summary

- Smog Check Program has improved as a result of AB 2289, especially among higher performing stations
- Lowest-performing stations show little, if any, improvement

Summary

- Forthcoming regulatory changes intended to keep low-performing stations out of STAR and improve overall program
- Workshop following BAG meeting to address proposed changes to the STAR regulations

Questions and Comments

Submit additional questions and/or comments to:

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