



U.S. Department  
of Transportation

**National Highway  
Traffic Safety  
Administration**

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# Memorandum

Subject: CAFE Model Documentation Associated  
with NPRM and Final Rule

Date: July 2, 2020

From: James Tamm  
Chief, Division of Fuel Economy

To: Docket No. NHTSA-2018-0067

Thru: Jane Doherty  
Director, Office of International Policy,  
Fuel Economy and Consumer Programs

Documentation and files associated with the CAFE Model (also sometimes referred to as the “Volpe model”) used to support the Notice of Proposed Rulemaking (“NPRM”) and the Final Rule for the Safer Affordable Fuel-Efficient (SAFE) Vehicles Rule for Model Years 2021-2026 Passenger Cars and Light Trucks are available on the National Highway Traffic Safety Administration’s (“NHTSA”) website at the following location: <https://www.nhtsa.gov/corporate-average-fuel-economy/compliance-and-effects-modeling-system>. Some of these materials do not appear in the public docket on <https://www.regulations.gov> for this action, due to technical constraints associated with the docket, such as file size or file type restrictions. Therefore, as also noted in the agencies’ other rulemaking analyses, such as the Preambles for the NPRM and Final Rule, this CAFE model documentation was made available to the public through NHTSA’s website. The following list identifies the specific CAFE model documentation published on NHTSA’s website and the locations where such documentation may be found.

CAFE Model Documentation associated with the Final Rule

Model Software	<a href="https://www.nhtsa.gov/filebrowser/download/178076">https://www.nhtsa.gov/filebrowser/download/178076</a>
Model Source Code	<a href="https://www.nhtsa.gov/filebrowser/download/178081">https://www.nhtsa.gov/filebrowser/download/178081</a>
Model Documentation	<a href="https://www.nhtsa.gov/filebrowser/download/178071">https://www.nhtsa.gov/filebrowser/download/178071</a>
Supplementary R scripts for table calculations	<a href="https://www.nhtsa.gov/filebrowser/download/178066">https://www.nhtsa.gov/filebrowser/download/178066</a>
Central Analysis	<a href="https://www.nhtsa.gov/filebrowser/download/178091">https://www.nhtsa.gov/filebrowser/download/178091</a>
MY Standard Attribution	<a href="https://www.nhtsa.gov/node/97996/178051">https://www.nhtsa.gov/node/97996/178051</a>
Sensitivity Analysis	<a href="https://www.nhtsa.gov/node/97996/178056">https://www.nhtsa.gov/node/97996/178056</a>

CAFE Model Documentation associated with the NPRM

Model Software	<a href="https://www.nhtsa.gov/filebrowser/download/118636">https://www.nhtsa.gov/filebrowser/download/118636</a>
Model Documentation	<a href="https://www.nhtsa.gov/filebrowser/download/118631">https://www.nhtsa.gov/filebrowser/download/118631</a>
MY Standard Attribution for CAFE	<a href="https://www.nhtsa.gov/filebrowser/download/118651">https://www.nhtsa.gov/filebrowser/download/118651</a>
Sensitivity Analysis	<a href="https://www.nhtsa.gov/node/97996/118616">https://www.nhtsa.gov/node/97996/118616</a>
CAFE Model Peer Review	<a href="https://www.nhtsa.gov/document/cafe-model-peer-review">https://www.nhtsa.gov/document/cafe-model-peer-review</a>
Model Source Code	<a href="https://www.nhtsa.gov/filebrowser/download/118641">https://www.nhtsa.gov/filebrowser/download/118641</a>
Central Analysis	<a href="https://www.nhtsa.gov/filebrowser/download/119651">https://www.nhtsa.gov/filebrowser/download/119651</a>
MY Standard Attribution for CO2	<a href="https://www.nhtsa.gov/filebrowser/download/118656">https://www.nhtsa.gov/filebrowser/download/118656</a>
Supplementary R scripts for table calculations	<a href="https://www.nhtsa.gov/filebrowser/download/118626">https://www.nhtsa.gov/filebrowser/download/118626</a>
Assessment of CAFE Model Vehicle Sales, Scrappage, and Labor Utilization Used for SAFE NPRM (07/03/2019)	<a href="https://www.regulations.gov/contentStreamer?documentId=NHTSA-2018-0067-0055&amp;attachmentNumber=2&amp;contentType=pdf">https://www.regulations.gov/contentStreamer?documentId=NHTSA-2018-0067-0055&amp;attachmentNumber=2&amp;contentType=pdf</a>