



U.S. Department of Transportation  
Office of Public Affairs  
1200 New Jersey Avenue, SE  
Washington, DC 20590  
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## Partnership for Analytics Research in Traffic Safety (PARTS)

- **Partnership for Analytics Research in Traffic Safety (PARTS)** is a voluntary, data-driven safety partnership between the National Highway Traffic Safety Administration (NHTSA) and the automobile industry.
- The program began in 2018 and the “Phase 1” prototype started with six automotive manufacturers (OEMs).
- PARTS uses a third-party data intermediary to protect data confidentiality and provide analysis. In Phase 1, that entity was the MITRE Corporation, which used police-reported crashes from NHTSA with OEM data on vehicle build sheets to explore the effectiveness of automatic emergency brakes (AEB).
- At the Transportation Research Board annual meeting on January 15, 2020, U.S. Secretary of Transportation Elaine L. Chao announced PARTS Phase 2.
- Phase 2 of the program will analyze the real-world performance of the most prevalent driver assist technologies in reducing crashes such as automatic emergency braking, adaptive cruise control, and lane keep assist.
- NHTSA expects industry participation accounting for almost 70% of the U.S. automobile market.
- The data arrangements in PARTS will foster a collaborative government-industry relationship.