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Partnership for
Transportation Innovation
& Opportunity



**DRIVING THE
WORKFORCE OF
THE FUTURE.**

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Innovation Drives Opportunity

The Partnership for Transportation Innovation and Opportunity includes leading companies and associations committed to advancing autonomous vehicle technology in ways that improve quality of life and economic opportunity for all Americans.



DAIMLER

FedEx



TOYOTA

UBER



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OUR PRINCIPLES

- Innovation
- Knowledge
- Transparency
- Empathy
- Actions



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RECENT RESEARCH



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TIMING



- Widespread deployment is decades away
- Transition in trucking expected to be gradual, but first adoption likely to be point-to-point long-haul trucking
- More rapid impacts expected in passenger transit (but not segments with face-to-face elements)

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IMPACT

- At peak impact, national unemployment rate may increase by 0.06 to 0.13 percentage points
- AVs could largely supplement (not substitute) most trucking jobs, but new skills may be required for those who remain in trucking
- May help address existing labor shortage in trucking
- Potential impacts may be more significant for African-American, Hispanic, and Native American communities
- Impacts likely to vary by geography (disproportionate impacts may occur in North Dakota, Idaho, Wyoming, West Virginia, Mississippi, Arkansas, and Iowa)
- New jobs will be created (transportation jobs, AV-related jobs, jobs related to new goods and services, etc.)
- May help increase access to job markets for under-served and economically-depressed communities

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FORTHCOMING RESEARCH

- U.S. Department of Transportation is conducting a congressionally-directed analysis on the impact of AVs on the workforce
- Michigan State University was awarded a \$2.5M NSF grant to study AVs and the workforce



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PTIO'S RECENT EFFORTS

- Outreach and Collaboration
 - Meetings
 - Presentations & Briefings
 - Community Listening Sessions
 - Washington, D.C.
 - Indiana
 - Missouri
 - *UPCOMING: Ohio (Oct. 9) + Michigan (Dec)*
- Research Priorities
 - Examining the Workforce Transition
 - Understanding Training Needs and Delivery
 - Studying Quality of Life Improvements
- Policy Recommendations
 - Lifelong Learning
 - Data Collection
 - TBD

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To connect with PTIO and its members, email us at PTIO@OurAVFuture.org.

To learn more about PTIO, visit our website www.OurAVFuture.org and follow us on social media:

 twitter.com/OurAVFuture

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