

# BUILDING BACK BETTER IN COMMERCIAL ROAD TRANSPORT: MARKETS REQUIRE FAIR LABOR STANDARDS

Motor Carrier Safety Advisory Council US DOT FMCSA

> JULY 19, 2021 Prof. Michael H. Belzer Wayne State University Detroit, Michigan USA

> > © Michael H. Belzer, 2021

# Introduction

- Former Teamster tank truck driver with ten years and more than <u>three quarters of a million</u> <u>miles</u> of over-the-road experience <u>before and</u> <u>after deregulation</u>
- I have been studying this specific issue for about thirty years
- My experience and research show that recruitment, retention, and safety problems are economic, not technical



# TRUCK DRIVER RECRUITING & RETENTION

- There is no truck driver shortage
  - Millions of people hold CDL but do not use it
  - New drivers are created and recruited all the time but carriers do not retain them
  - Drivers earn a piecework wage that looks good but they don't get paid for non-driving work
  - When they realize the big promises aren't real, they exit
- Delay and detention
  - Shippers avoid paying for loading, unloading, and detention time.
  - They will consume an infinite amount of a free good and this drives carrier revenue and driver earnings down
- Because they are paid so little, they are not treated with respect
  - They quit motor carriers as fast as carriers can hire
  - They quit the industry because it spits them out
- Truck driving must become a good job again



# **TRUCKING BEFORE DEREGULATION**

- Truck driving was a good job
  - Teamsters represented between 60% and 70% of the industry
  - National Master Freight Agreement covered employees of 500-600 trucking companies with a uniform contract
  - "Threat Effect" ensured that non-union truckers also were relatively well paid
- Health and safety
  - Teamster bargaining power protected CMV drivers from excessive hours
  - Union kept employers from forcing drivers to exceed HOS limits
  - Owner-drivers (a.k.a. owner-operators) regularly were Teamsters
    - The two-check system covered their labor and the lease of their trucks
    - As Teamsters their health insurance and retirement were paid
- Health and Welfare
  - Truck drivers' benefits protected them and their families
  - Company-paid health insurance covered drivers and their families
  - Contributions to "health and welfare" funds generally ensured they could retire comfortably after around 25 years of work.



# **TRUCKING AFTER DEREGULATION**

- Timeline
  - <u>Interstate deregulation began in 1977 and completed in 1980</u>
  - Intrastate deregulation mandated in 1995 (& ICC & data abolished)
- Truck driving became a bad job quickly
  - Union density declined rapidly after 1980 (now <10%)</li>
  - Earnings and benefits
    - Declined 1/3 in the first five years
    - Declined nearly 50% to the present
- Contracting seeks the weakest link in the chain
  - Subcontracting turned employees into dependent contractors
  - Dependent contractors are stuck in undefined territory
  - Lease-purchase contracts now turn truckers into debt peons
- Competition based on consumer welfare whipsaws carriers
  - Low wages and low contractor revenue undermine freight rates
  - This is the "race to the bottom"
- Low freight rates undermine the labor market



# WORKFORCE DEVELOPMENT BEFORE DEREGULATION

- Good jobs attracted good workers
- Common Carrier system for general freight favored complex system of city pickup and delivery as well as intercity highway driving
  - Intercity linehaul was "truckload"
  - Common Carriers also hauled mix of LTL and TL freight
- This system created a framework for "apprenticeship"
  - Workers started out on the dock
  - Progressed to yard movements and city work
  - Progressed from there to linehaul, which generally was night work
  - Workers bid for the work they preferred



# WORKFORCE DEVELOPMENT AFTER DEREGULATION

- Common Carrier system for general freight favored complex system of city pickup and delivery as well as intercity highway driving
- Combination of city P&D and intercity linehaul created a framework for "apprenticeship"
  - Workers started out on the dock
  - Progressed to yard movements and city work
  - Progressed from there to linehaul, which generally was night work
  - Workers bid for the work they preferred
- Hub and spoke systems declined
  - TL carriers evolved out of specialized and exempt sectors
  - TL carriers creamed TL work from Common Carriers
- Fixing this system will require careful analysis of industry structure



# LONG HOURS FOR LOW PAY

- Half of all truck drivers work more than 60 hours/week
- 20% work more than 4,000 hours per year
- Most truck drivers earn little or nothing for non-driving labor
- Non-driving labor averages 25% of their work time
- Long hours and low pay lead drivers to quit
- Why?

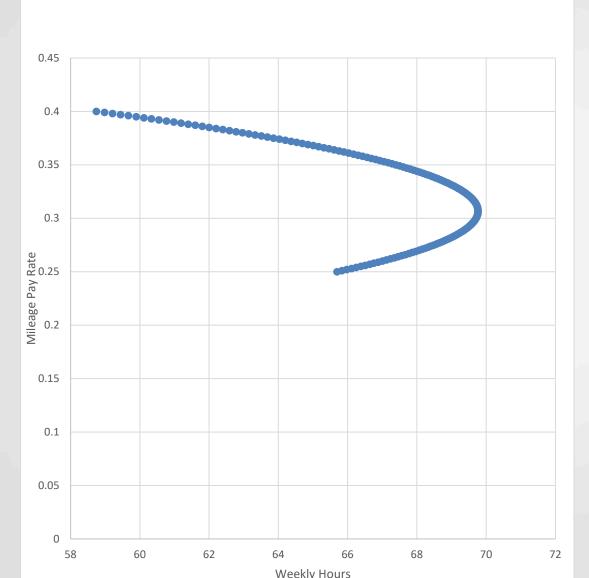


# TIME IS MONEY

- Basic labor economics
  - At a low pay rate, drivers will work as many hours as they need to work to hit earnings targets
  - Target earnings: the amount workers need to pay their bills
  - Workers will trade leisure for labor as their earnings increase
  - They will rest rather than work extra hours that damage their health, risk their safety, or keep them away from their families
- Decently paid truck drivers naturally reduce their hours to the legal limit
  - Research shows that rising wages do not lead to driver greed
  - The work is so damaging they will reject loads once they have reached target earnings



# LABOR SUPPLY CURVE FOR LONG-DISTANCE TRUCK DRIVERS



Drivers would work 60 hours

- At 40¢/mile in 1997 dollars
- At 60¢/mile in 2017 dollars

### Higher paid drivers would

- Reduce hours of work
- Have better health and safety
- Stay with trucking and stay with their company

# INSTITUTIONAL PROBLEM: CONFLICTING DEFINITIONS OF WORK

- Wage and Hour Division of Labor Dept requires that employers pay for all work time
  - DOL defines work as service to an employer
  - Workers expect their employer to pay for all work
  - This regulation governs the labor market
- FMCSA allows employers to declare drivers off duty while keeping them on the job
  - Off duty drivers do not get paid
  - These drivers' time does not belong to them
- GOVERNMENT CAN FIX THIS



# **PROBLEM AND SOLUTION**

### • Problem:

- Historical gap between Dept of Labor and DOT
- Unionization before 1980 patched over the problem
- Truck drivers fell through the gap after 1980
- The problem spans both Departments
- Solution:
  - Neither Labor nor DOT can fix it alone
  - Labor and DOT must bridge the gap together
  - Through <u>interagency cooperation</u>, the Dept of Labor and Dept of Transportation can rebuild the truck driver labor market



### REFERENCES

- 2019 Pocket Guide to Large Truck and Bus Statistics. (2020). Retrieved from Washington: https://rosap.ntl.bts.gov/view/dot/43602. Table 4-5, page 36.
- Belman DL, Monaco, KA and Brooks, TJ. (2004) Sailors of the concrete sea: A portrait of truck drivers' work and lives, East Lansing, Mich.: Michigan State University Press.
- Belzer MH. (2000) *Sweatshops on Wheels: Winners and Losers in Trucking Deregulation,* Oxford, UK and New York, NY: Oxford University Press.
- Belzer MH. (2018) "Truck Drivers are Overtired, Overworked, and Underpaid." The Conversation. July 25. https://theconversation.com/truck-drivers-are-overtired-overworked-and-underpaid-100218
- Belzer MH. (2018) "Work-stress factors associated with truck crashes: An exploratory analysis." *The Economic and Labour Relations Review* 29:3. 289-307.
- Belzer MH and Sedo SA. (2018) "Why Do Long Distance Truck Drivers Work Extremely Long Hours?" The Economic and Labour Relations Review 29:1. 59–79. <u>https://goo.gl/M5Xx47</u>.
- CHEN GX, Sieber WK, Lincoln JE, et al. (2015) NIOSH national survey of long-haul truck drivers: Injury and safety. Accident Analysis & Prevention 85: 66–72. <u>https://www.ncbi.nlm.nih.gov/pubmed/26397196</u>
- Dunn NJ, Hickman JS, Soccolich, S et al. (2014) Driver Detention Times in Commercial Motor Vehicle Operations. Washington: Federal Motor Carrier Safety Administration, xiv; 49. <u>https://rosap.ntl.bts.gov/view/dot/193</u>
- Faulkiner MR and Belzer MH. (2019) Returns to compensation in trucking: Does safety pay? *The Economic and Labour Relations Review* 30:2. 262-284.
- Kudo T and Belzer MH. (2019) "The association between truck driver compensation and safety performance." *Safety Science* 120: 447-455.
- Kudo T., & Belzer MH. (Dec. 2019) "Safe Rates and Unpaid Labor: Non-Driving Pay and Truck Driver Work Hours." *Economic and Labour Relations Review* 30:4.
- Office of the Inspector General. (2018) "Estimates Show Commercial Driver Detention Increases Crash Risks and Costs, but Current Data Limit Further Analysis." <u>https://www.oig.dot.gov/sites/default/files/FMCSA%20Driver%20Detention%20Final%20Report.pdf</u>
- Panel on Research Methodologies and Statistical Approaches to Understanding Driver Fatigue Factors in Motor Carrier Safety and Driver Health. (2016) Commercial Motor Vehicle Driver Fatigue, Long-Term Health, and Highway Safety: Research Needs. Washington: National Academies Press. <u>http://www.nap.edu/24818</u>
- Rodriguez DA, Targa F and Belzer MH. (2006) "Pay Incentives and Truck Driver Safety: A Case Study." Industrial and Labor Relations Review 59: 205-225.



### SUPPLEMENTAL RESOURCES

- Belzer MH and Thörnquist A. (2020) "Economic Liberalization and Governance: Road freight transport liberalization in the United States and the European Union." In: Sheldon P, Gregson S, Lansbury R, et al. (eds) The Regulation and Management of Workplace Health and Safety: Historical and Emerging Trends. London: Routledge.
- Boros C. (2018) *Romanian Trucker, Polish Wage, Dutch Workplace: How salaries migrate across the EU in the road haulage business*. Available at: <u>https://theblacksea.eu/stories/romanian-trucker-polish-wage-dutch-workplace/</u>
- Boros C and Eliassen I. (2018) Exposed: Norwegian-owned firm making truck drivers cheat safety test; East European drivers are fed answers for road health and safety exam in Slovakia. Available at: <u>https://theblacksea.eu/stories/exposed-norwegian-owned-firm-making-truck-drivers-cheat-safety-test/</u>
- Boros C and Poortmans J. (2018) *Deadlock in Brussels over Trucking Wages: Eastern and Western Europe are at war over the salaries of drivers. Only the European Parliament can resolve the crisis. But there is a stalemate.* Available at: <a href="https://theblacksea.eu/stories/deadlock-brussels-over-trucking-wages/">https://theblacksea.eu/stories/deadlock-brussels-over-trucking-wages/</a>
- Ju S and Belzer, MH. (2021) "Pay Incentives, Working Time, and Safety: Evidence from U.S. Intrastate Trucking Companies". Under review. Working paper available from the author on request.
- Fink L. (2011) Sweatshops at Sea: Merchant Seamen in the World's First Globalized Industry, from 1812 to the Present: The University of North Carolina Press.
- Hedlund J and Blower D. (2006) Using LTCCS Data for Statistical Analyses of Crash Risk. Large Truck Crash Causation Study Analysis Series. Washington: Federal Motor Carrier Safety Administration, 1-12. <u>https://ai.fmcsa.dot.gov/ltccs/data/documents/usingtheltccsdata.pdf</u>
- Saltzman GM and Belzer MH. (2007) Truck Driver Occupational Safety and Health: 2003 Conference Report and Selective Literature Review. Washington, DC: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, National Institute for Occupational Safety and Health. <u>http://www.cdc.gov/niosh/docs/2007-120/</u>.
- Speltz E and Murray D. (2019) "Driver Detention Impacts on Safety and Productivity". American Transportation Research Institute, 22. <u>https://truckingresearch.org/</u>
- Viscelli S. (2016) The Big Rig: Trucking and the Decline of the American Dream. Oakland, CA: Univ. of California Press.



### **SUPPLEMENTAL RESOURCES**

#### Regulations

#### Fair Labor Standards Act (FLSA)

- <u>https://www.employmentlawhandbook.com/flsa/fair-labor-standards-act-time-suffered-or-permitted-to-work/</u>
- <u>https://www.law.cornell.edu/cfr/text/29/chapter-V</u>
- <u>https://www.law.cornell.edu/cfr/text/29/part-785/subpart-C</u>
- Federal Motor Carrier Safety Administration Regulations on Hours of Service for Drivers: <u>https://www.ecfr.gov/cgi-bin/retrieveECFR?gp=1&ty=HTML&h=L&mc=true&=PART&n=pt49.5.395</u> and Guidance: <u>https://www.fmcsa.dot.gov/regulations/title49/part/395</u>

#### Airline subcontracting

• Young R. (2010) "Flying Cheap". Frontline. USA: PBS, 56:32. February 9. https://www.pbs.org/wgbh/frontline/film/flyingcheap/

#### Amazon subcontracting

- O'Donovan C. and Bensinger K. (2019, August 31) "The Cost of Next-Day Delivery." *BuzzFeed*. Retrieved from <u>https://www.buzzfeednews.com/article/carolineodonovan/amazon-next-day-delivery-deaths</u>
- Callahan P. (2019, September 5) "How Amazon hooked America on fast delivery while avoiding responsibility for crashes." *ProPublica*. Retrieved from: <u>https://features.propublica.org/amazon-delivery-crashes/how-amazon-hooked-america-on-fast-delivery-while-avoiding-responsibility-for-crashes/
  </u>
- Callahan P. (2019, September 5) "The Human Cost of Amazon's Fast, Free Shipping." *New York Times*. Retrieved from: <u>https://www.nytimes.com/2019/09/05/us/amazon-delivery-drivers-accidents.html</u>
- Bandler J, CallahanP, Burke D, Bensinger K, and O'Donovan C. (2019) "Inside Documents Show How Amazon Chose Speed over Safety in Building Its Delivery Network," ProPublica. ProPublica and BuzzFeed News. Retrieved from: <u>https://www.propublica.org/article/inside-documents-show-how-amazon-chose-speed-over-safety-in-building-its-delivery-network</u>



The economic approach to workforce development as well as safety and health points the way to policy solutions.

Fair Labor Standards will save lives, allocate resources efficiently, and grow the economy

Professor Michael H. Belzer Michael.H.Belzer@wayne.edu go.wayne.edu/michael-belzer

LinkedIn: https://www.linkedin.com/in/soundscience

