

Economic Research to Support Policy



U.S. Department of Transportation
Federal Motor Carrier Safety Administration

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Federal Motor Carrier Safety Administration

2023

ANALYSIS,
RESEARCH, &
TECHNOLOGY
FORUM

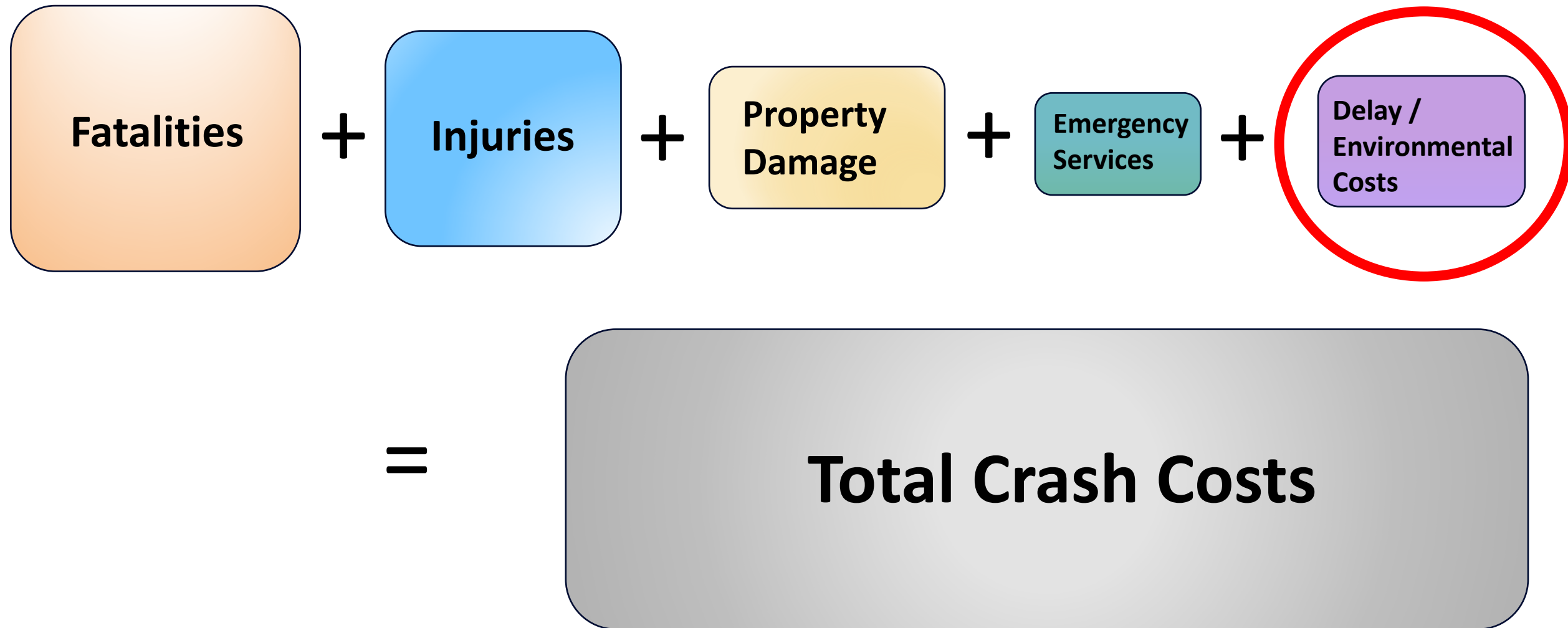
VIRTUAL EVENT



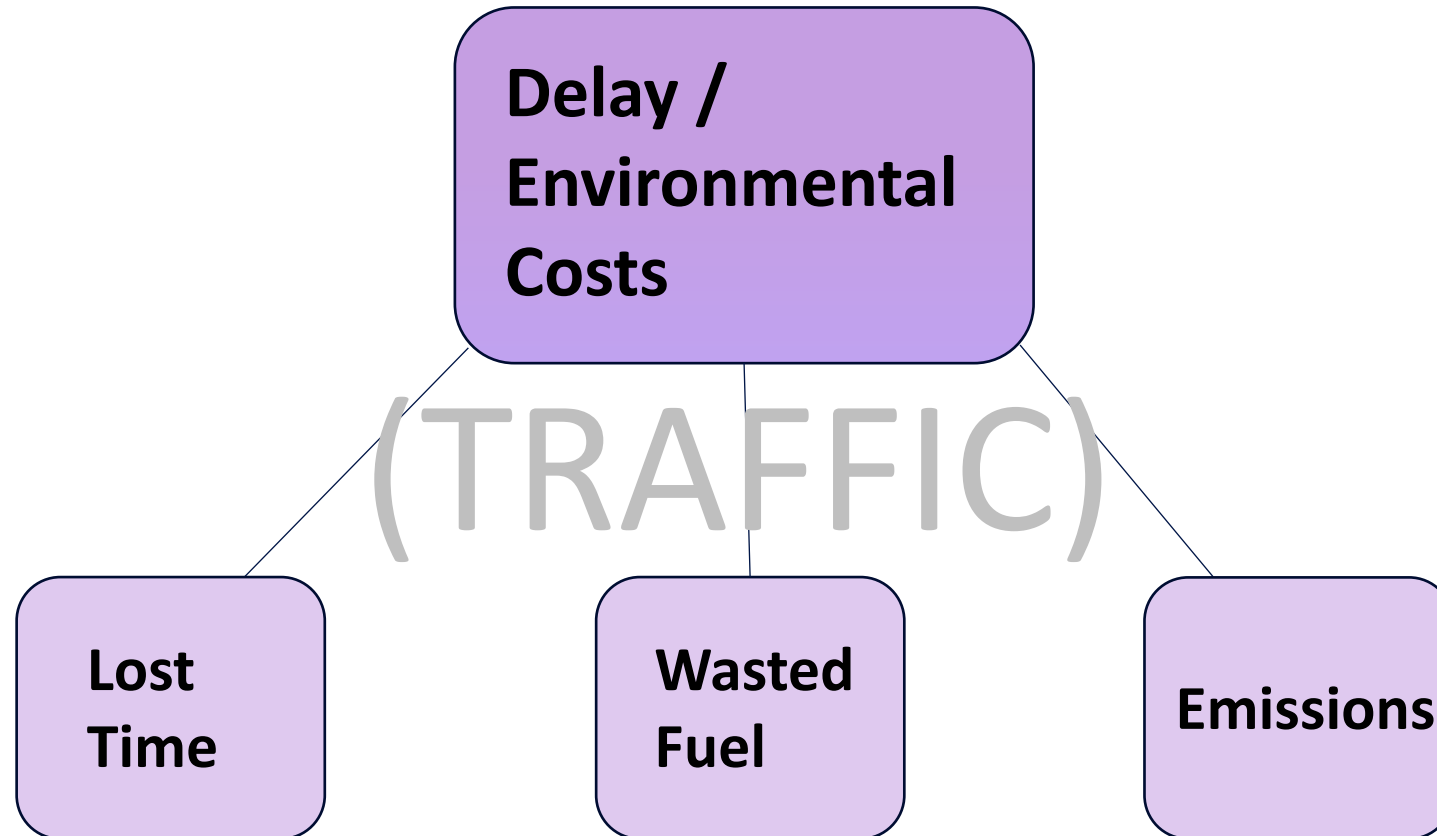
Economic Research for Policy: Background

- This project will update two earlier FMCSA studies:
 - Delay and Environmental Costs of Commercial Motor Vehicle (CMV) Crashes (2013)
 - Minimum Levels of Financial Responsibility for CMVs (2013, 2018, 2022)
- This project will begin within the next month, with both tasks being performed in parallel.

Crash Costs: Background



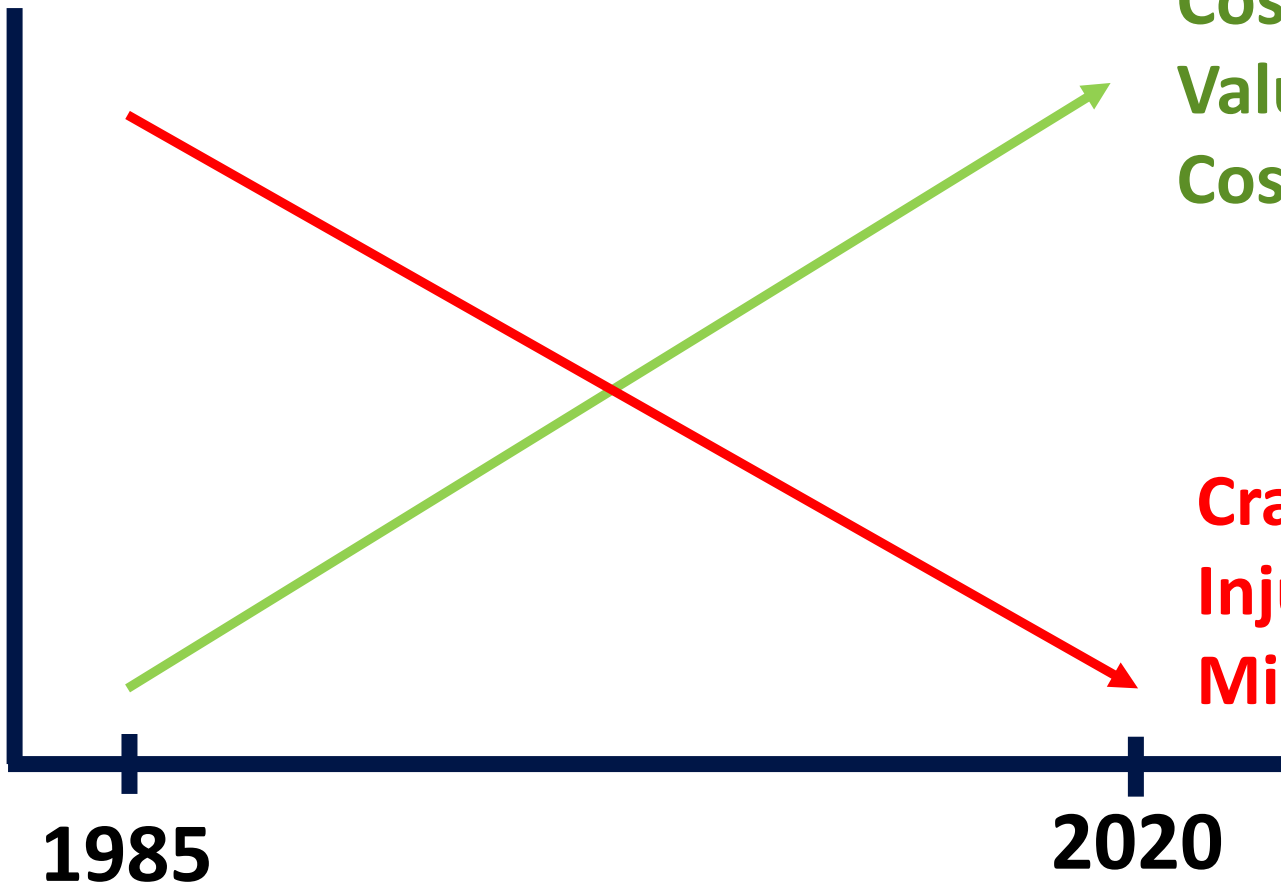
Crash Costs: Objectives



Financial Responsibility: Background

- Current minimum financial responsibility levels for motor carriers of property are \$750,000
- Carriers of hazardous materials and passenger carriers have higher requirements
- In effect since January 1, 1985

Financial Responsibility: Background



Costs (Inflation, Medical Costs, Value of a Statistical Life, Crash Costs, etc.)

For example: Raw Consumer Price Index for Medical Care:
113.5 in 1985 / 518.9 in 2020

Crash Rates (Fatalities and Injuries in CMV Crashes per Mile)

For example: Fatal Crashes involving Large Trucks per 100 million Vehicle Miles Traveled by Large Trucks:
3.9 in 1985 / 1.5 in 2020

Financial Responsibility: Objectives

- Consider the advantages and disadvantages of updating requirements
- Obtain statistics from other industries where damages from rare events can exceed insurance amounts (healthcare, small business liability insurance, etc.)

Incompletely Compensated Events

Industry Size (\$)

~100?

\$800 billion

- Compare this ratio for the CMV industry with ratios from other industries

Contact Information

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