



## FMCSA Current Research, Grant and Partnership Opportunities

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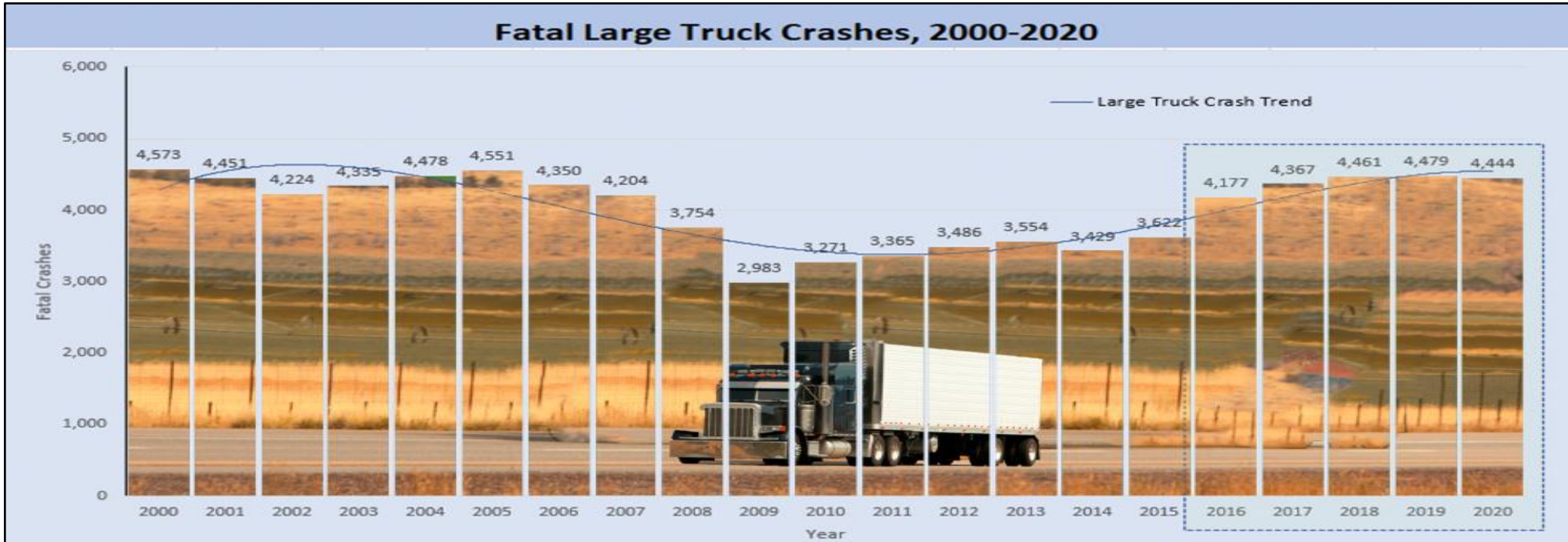
U.S. Department of Transportation  
Federal Motor Carrier Safety Administration

## FMCSA's Mission

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- Reduce crashes, injuries and fatalities involving commercial motor vehicles (CMVs) through education, research, innovation, regulation, enforcement, financial assistance, partnerships and mutual accountability.

# Large Truck Fatal Crashes, 2000–2020



**Note:** In 2016, NHTSA made changes to revise the light pickup truck classification, reclassifying certain vehicles as large trucks based on gross vehicle weight rating. This has resulted in higher counts of fatalities involving large trucks beginning with the 2016 FARS data. Due to this methodology change, comparisons of 2016 FARS large truck data with prior years should be performed with caution.

2000	2020	Change
8,022,649	13,479,382	Registered Large Trucks ..... 68.0% ↑
205,520	302,141	Million Vehicle Miles Traveled (VMT) by Large Trucks..... 47.0% ↑
131,005,000	142,497,000	U.S. Nonfarm Employment ..... 8.78% ↑
\$13.3 trillion	\$18.8 trillion	U.S. Real GDP (chained 2012 dollars). .... 41.4% ↑
\$27.6 billion	\$888.5 billion	e-Commerce (current dollars)..... 3119.4% ↑
74.2	113.2	Truck Tonnage Index (month of December, seasonally adjusted) ..... 52.6% ↑
13,945	11,461	Investigations Conducted (Large Trucks and Buses) ..... -17.8% ↓
2,453,776	2,582,023	Roadside Inspections Conducted (Large Trucks and Buses) ..... 5.2% ↑
4,793	2,538	Closed Enforcement Cases ..... -47.1% ↓

# Discussion must begin with FMCSA's authorizing legislation

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- Infrastructure Investment & Jobs Act (IIJA) = Bipartisan Infrastructure Law (BIL)
- Signed November 15, 2021
- Provides nearly \$1.2 trillion for infrastructure
  - Supporting Administration's Safety, Economic Strength, Resilience, and Climate goals
- Establishes authorization for FMCSA Fiscal Years (FY) 2022 through 2026
- Funding and FTE to be provided through FY 2022 appropriations
  - DOT currently operating under a Continuing Resolution (CR)
  - CR currently expires December 16, 2022
  - Anticipating full-year FY2023 appropriations at that point

# BIL Authorized Funding for FMCSA

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- Authorizes \$5 billion in resources over 5 years;
  - \$1.8 billion in General Operating Expenses
  - \$3.2 billion in Grant Funding
  - This is a \$1.75 billion dollar increase in our overall funding over the 5 years of the BIL
- Formula grant funding provided through Motor Carrier Safety Assistance Program (MCSAP) increases by **approximately 61%**.
- Discretionary grant funding increases by **approximately 90%**.
- BIL provides **both** contract authority and general fund (supplemental) grant and general operating expense funds.
- Agency's staffing will increase – 28% increase over 5 years of BIL

# Opportunities to the support FMCSA's Safety Mission

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- Through Contracts with FMCSA
  - FMCSA Research & Technology (R&T) Program
    - Indefinite Delivery, Indefinite Quantities (IDIQ) Contract
- Through FMCSA Grant Programs
  - MCSAP Formula grant
  - 5 Discretionary grants
- Through partnerships with FMCSA
  - Advisory Committees, Task Forces, Pledges

# Overview of the FMCSA's R&T Program

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FMCSA carries out a multiyear Motor Carrier Research and Technology (R&T) Program under the authority of 49 USC 31108. R&T activities focus on:

- **Reducing crashes, injuries, and fatalities involving CMVs.**
- **Improving the safety, efficiency and environmental impact of CMVs** through technological innovation, including automated vehicle research.
- **Improving technology used by enforcement officers** when conducting roadside inspections and investigations to increase efficiency and information transfers.
- FMCSA receives approximately \$14.1M in R&T funding annually (with 3-year obligation authority).

# Priority Research and Technology Topics

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- Automated Driving Systems (ADS)
- Advanced Driver Assistance Systems (ADAS)
- Driver Health and Wellness
  - Fatigue management
  - Medical standards program
- Large Truck and Bus Crash Causal Factors Analysis
- Carrier operations – industry segment safety studies and surveys
- Truck parking
- Data Sharing, Transparency, and Collaboration
- Hours of Service
- Legislatively Directed (e.g., Driver Compensation, Detention Time, Pilot Programs)



# Indefinite Delivery - Indefinite Quantity (IDIQ) Structure

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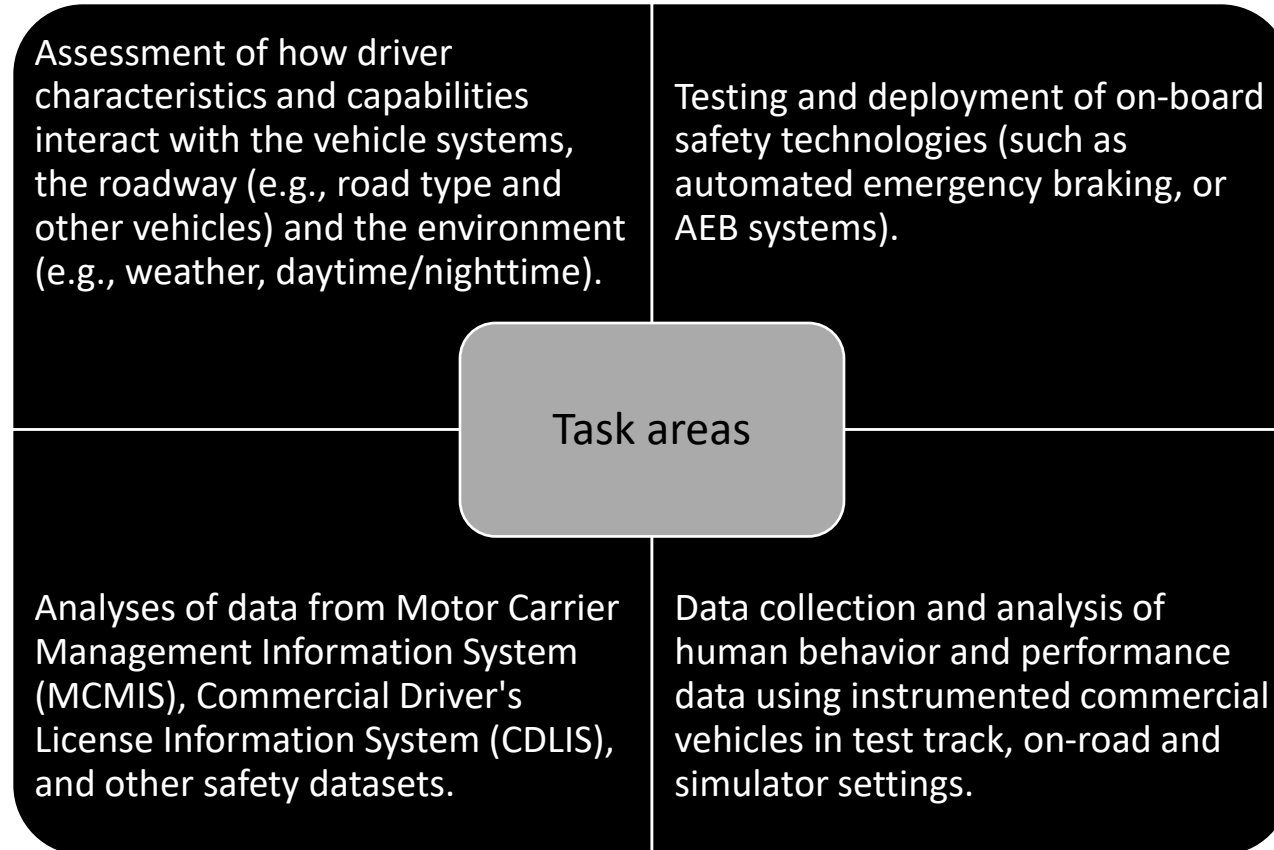
Planning Element	Acquisition Strategy Decision
Scope	5-year period of performance
Government Estimate	\$30 million
Competitive Approach	Full and open competition
Contract Vehicle Approach	Multiple-Award IDIQ

## Current IDIQ Vendor Teams

- Applied Research Associates
- Pulsar Informatics
- Toxcel, LLC
- Transportation Research Center, Inc
- Virginia Tech Transportation Institute

# Current IDIQ Task Areas

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# BIPARTISAN INFRASTRUCTURE LAW AUTHORIZED GRANT FUNDING (assumes full appropriation each year)

Grant	FY21 (FAST)	FY22	FY23	FY24	FY25	FY26
MCSAP	\$308,700,000	\$390,500,000	\$398,500,000	\$406,500,000	\$414,500,000	\$422,500,000
MCSAP Supplemental		\$80,000,000	\$80,000,000	\$80,000,000	\$80,000,000	\$80,000,000
High Priority	\$45,900,000	\$57,600,000	\$58,800,000	\$60,000,000	\$61,200,000	\$62,400,000
High Priority Supplemental		\$26,500,000	\$26,500,000	\$26,500,000	\$26,500,000	\$26,500,000
CDLPI	\$33,200,000	\$41,800,000	\$42,650,000	\$43,500,000	\$44,350,000	\$45,200,000
CDLPI Supplemental		\$16,000,000	\$16,000,000	\$16,000,000	\$16,000,000	\$16,000,000
CMVOST	\$2,000,000	\$1,100,000	\$1,200,000	\$1,300,000	\$1,400,000	\$1,500,000
CMVOST Supplemental		\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000
SET		\$5,000,000	\$5,000,000	\$5,000,000	\$5,000,000	\$5,000,000

# Grant Program Updates/Emphasis Areas (FY2022 NOFOs)

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## MCSAP – FY2023 = \$478.5 million

- Adds a year to the period of performance
- **Emphasis areas**: DACH enforcement; OOS (IH & U/U) Order Enforcement; New Entrants;

## High Priority Grant Program – FY2023 = \$85.3 million

- **NEW** Eligible Costs - Detect and immobilize *unsafe passenger carrying vehicles* operating on nation's roadways and prevent, detect, **and** report human trafficking violations
- **Emphasis Areas**: Traffic Enforcement (workzones); technologies to improve CMV safety (ITD); safety strategies supported by data/analysis; partnerships to deploy/test safety technologies (driver behavior); data quality (new DQ performance measures arriving in CY2023);

## Safety Enforcement Training (SET) Grant – FY2023 = \$5 million

- Program supports training state and local commercial motor vehicle (CMV) safety enforcement professionals
- Available for non-profit organizations that have expertise in training and CMV safety-related efforts

# Grant Programs Updates/Emphasis Areas – CONT.

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## Commercial Driver's License Program (CDLPI) – FY2023 = \$58.650 million

- Provides financial assistance to States and other eligible entities to improve the national CDL program and achieve compliance with FMCSA's CDL regulations;
- Seeks to ensure quality electronic exchange of data between jurisdictions;
- Ensures that only qualified drivers are eligible to receive and retain CDLs; and
- **Emphasis Areas**: Basic = States for CDL compliance; Emerging Trends = national projects (states and non-profits). Entry-level driver training compliance; CDL fraud detection.

## Commercial Motor Vehicle Operator Safety Training (CMVOST) – \$3.2 million

- Helps reduce crashes involving CMVs by expanding the number of CDL holders possessing enhanced operator safety training; and
- Emphasis: Assist current or former members of the U.S. Armed Forces to obtain CDLs.

# Additional Information

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BIL Overview:

- [www.fmcsa.dot.gov/Bipartisan-Infrastructure-Law](http://www.fmcsa.dot.gov/Bipartisan-Infrastructure-Law)

BIL Grants Info:

- [www.fmcsa.dot.gov/Bipartisan-Infrastructure-Law-Grants](http://www.fmcsa.dot.gov/Bipartisan-Infrastructure-Law-Grants)

Agency website:

- <https://www.fmcsa.dot.gov>



# Contact Information

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