

Crash Causal Factors Program/LTCCFS



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

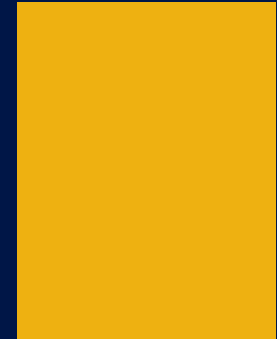
Dan Meyer

Federal Motor Carrier Safety Administration

2023

ANALYSIS,
RESEARCH, &
TECHNOLOGY
FORUM

VIRTUAL EVENT



Background

- The original Large Truck Crash Causation Study (LTCCS) was conducted from 2001 – 2003
 - Collected data on nearly 1,000 injury and fatal crashes involving large trucks.
 - The data collected provided a detailed description of the physical events of each crash, along with an unprecedented amount of information about all the vehicles and drivers, weather and roadway conditions, and trucking companies involved in the crashes.
- The Crash Causal Factors Program (CCFP) expands upon this initial effort:
 - Incorporates lessons learned from LTCCS (e.g. focused scope, increased sample size, collaboration with State/Local jurisdictions)
 - Phased approach based on vehicle type and crash severity
 - The data will greatly increase our knowledge about causation and related factors sufficient to create countermeasures through legislation, regulation, enforcement and education

Crash Causal Factors Program (CCFP)

Request for Information (RFI)

- Published January 15, 2020, and closed for comment on March 16, 2020.
- 167 comments received from industry, academia and various stakeholders, including CVSA

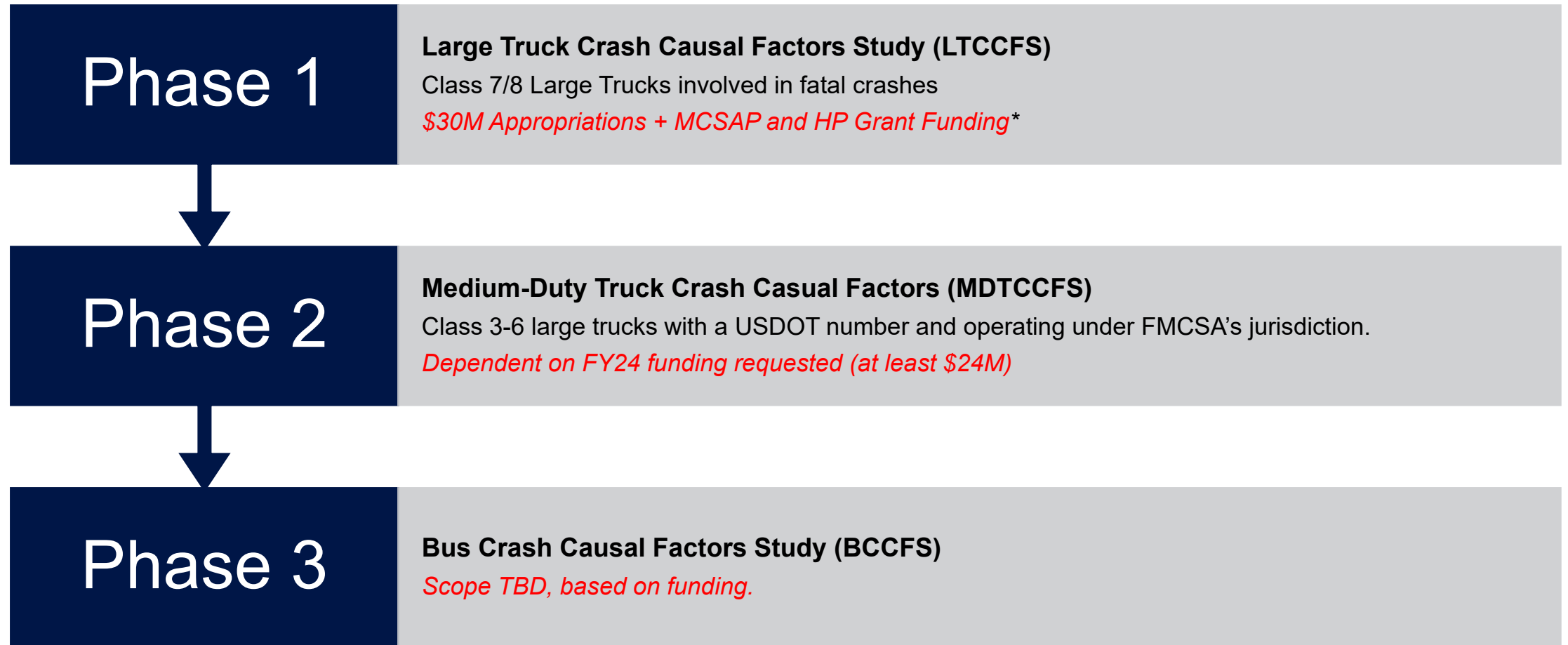
Funding

- In FY21, Congress appropriated \$30M to be used by FMCSA, in collaboration with other research participants, on a study of the causes of large truck crashes, available until expended.
- Motor Carrier Safety Assistance Program (MCSAP) and High Priority (HP) grant money.

Bipartisan Infrastructure Law (BIL)

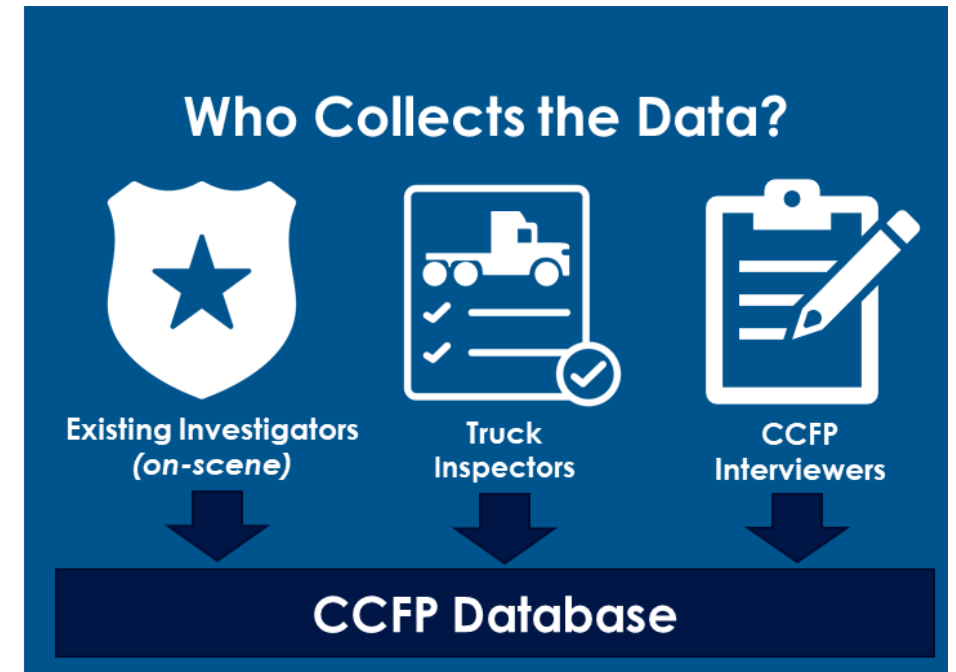
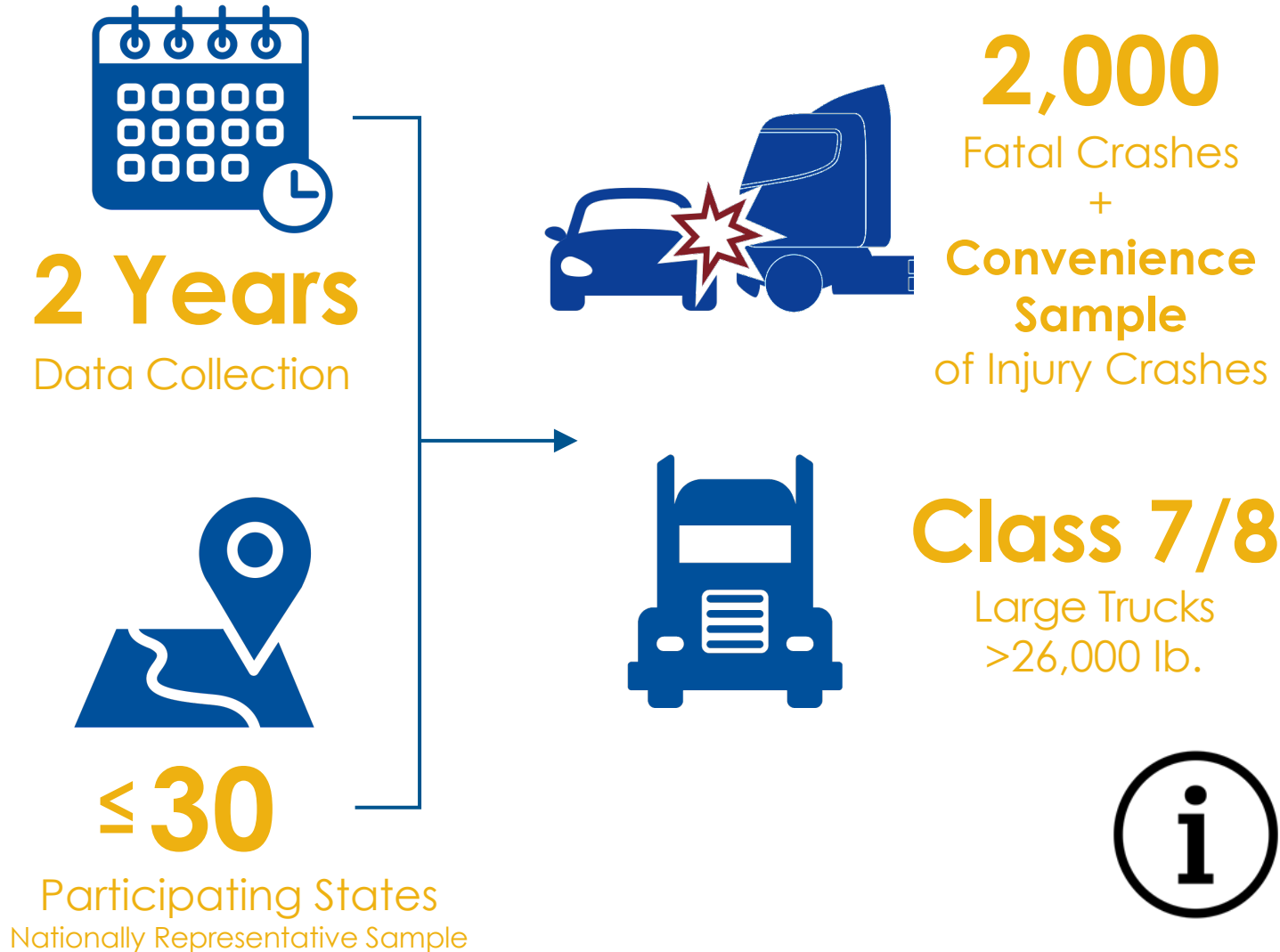
- In FY22, Congress passed the BIL which included more prescriptive language on the Large Truck Crash Causal Factors than the appropriations bill.
- FMCSA has created a plan to move forward with a phased approach.

CCFP Phased Approach



*MCSAP = Motor Carrier Safety Assistance Program; HP = High Priority

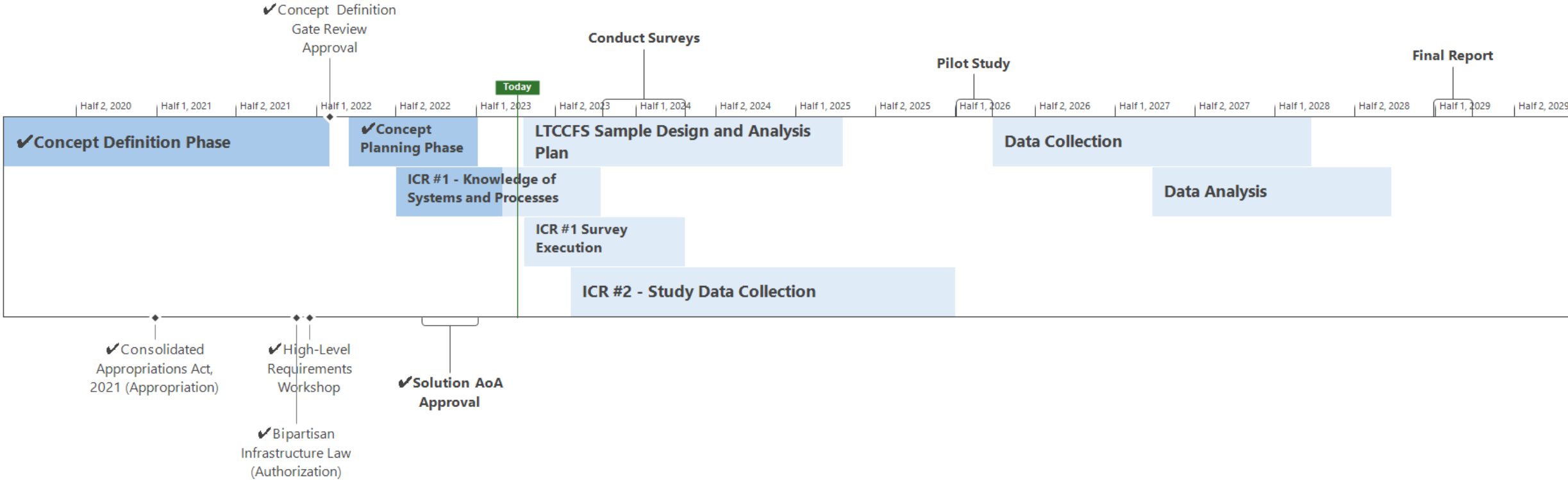
Phase 1: LTCCFS Study Scope



Phase 1 will be built with sustainability and scalability in mind. Future phases will be built off this framework to the degree possible.

Phase 1: LTCCFS High-Level Timeline

(subject to change)



Current Activities

- ICR on Knowledge of State Systems and Processes
 - 60 Day Notice (*currently reviewing comments*)
 - 30 Day Notice (*anticipated April – July 2023*)
 - Submittal to OMB (*anticipated July 2023*)
- Data Collection Forms
 - Mapping existing data collection efforts (e.g., PCR, post-crash inspections) to LTCCFS research questions
 - Gap analysis and prioritization of supplementary data collection
- CCFP Funding Analysis
 - MCSAP vs. HP
 - Supplementary Funding Analysis
- Review Data Protection Options
- IT Solution

Contact Information

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