



COURSE NUMBER

FHWA-NHI-138021

COURSE TITLE

Data for TPM

'Data for TPM' is a ninety-minute Web-based training (WBT) course offered by NHI, the authoritative source in transportation training.

The passage of the Moving Ahead for Progress in the 21st Century Act (MAP-21) and the Fixing America's Surface Transportation (FAST) Act ushered in a range of new provisions for the Federal-aid highway program related to transportation performance management and highway infrastructure. State Departments of Transportation (DOTs), metropolitan planning organizations (MPOs), FHWA Division Offices, and other stakeholders are seeking information about requirements, as well as noteworthy practices.

This course provides an effective, time-efficient, and accessible format for practitioners in State DOTs, MPOs, FHWA, and other groups. This format provides a richer context for information than static materials through the use of knowledge checks and other interactive features.

The goal of this course is to introduce you to the legislation and regulatory requirements related to the management and use of data. The course will help you build a working knowledge of how to meet TPM requirements of 23 CFR 490 and the associated MAP-21 and FAST Acts--including the specific skills of collecting data, processing and storing data, data distribution and retrieval, data analysis, and data delivery.

The course is organized into the following lessons:

- =Welcome and Overview
- =Data for TBM Business Practices
- =The Who and What of Data for TPM
- =Data Management for TPM
- =Data Improvement Planning
- =Wrap-Up

This course was launched in November of 2019.

The course includes an end-of-course assessment.

To enroll in this Web-based Training course, select 'Add To Cart.'

OUTCOMES

Upon completion of the course, participants will be able to:

- Identify the role of data for TPM in your State DOT or MPO and your own role in data for TPM
- Identify the data required to support TPM business practices
- Distinguish between the different data audiences
- Identify methods for delivering data to your agency's data audiences
- Define methods to address data quality
- Identify data elements and attributes that need to be consistently defined across program areas to integrate data
- Describe the importance of data governance
- Identify how to address data gaps in a Data Management and Improvement Plan
- Describe the benefits of using a Data Management and Improvement Plan
- Identify additional resources for learning about data for TPM

TARGET AUDIENCE

The target audience for this web-based training course includes safety, infrastructure condition, congestion reduction, system reliability, freight movement, and environmental sustainability data managers and analysts who want to understand how to support TPM.



TRAINING LEVEL: Basic

FEE: 2020: \$0 Per Person; 2021: N/A

LENGTH: 1.5 HOURS (CEU: 0 UNITS)

CLASS SIZE: MINIMUM: 0; MAXIMUM: 0

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