

Asset Management Background

The Highway Performance Monitoring System (HPMS)

The Highway Performance Monitoring System (HPMS) is a national program that includes inventory information on the nation's public road mileage, as certified by the states' governors on an annual basis. Public roads that are reported in HPMS include federal agencies, states, counties, cities and villages, public and privately-owned toll facilities, and other authorities. Each state is required to submit data annually per reporting requirements in the HPMS Field Manual.

HPMS is the official federal government source of data on the extent, condition, performance, use, and operating characteristic of the nation's highways. Data is collected and reported on various subsets of public roadways, including all public roads, all federal-aid highways, the National Highway System (NHS), and a panel of randomly selected sample sections. Data collection comes from a variety of business areas, including the state, regional, metropolitan, county, and city levels. HPMS submittals are reflective of a state's roadway network as of Dec. 31 of the reporting year. Pavement and inventory data is due for submittal to the Federal Highway Administration (FHWA) by April 15 starting in 2019, and all other HPMS data is due June 15.

HPMS data is used for assessing and reporting highway system performance under FHWA's strategic planning process. The national HPMS database also forms the basis of the analyses that supports the biennial Conditions and Performance (C&P) Report to Congress and are the source for a substantial portion of the information published in the Highway Statistics publication, as well as other publications by FHWA, including information released to the public. Finally, HPMS data is widely used throughout the transportation community, including other governmental entities, business and industry, institutions of higher learning for transportation research purposes, and the general public.