

ITS Deployment Tracking Survey: Geographic Coverage Expands

ITS DTS: Surveyed Agencies Nearly Triple

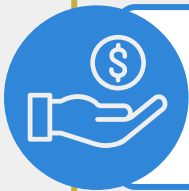
The Intelligent Transportation Systems (ITS) Deployment Tracking Survey (DTS) expanded its geographic coverage to include more communities nationwide, surveying nearly 2,400 state, toll, local, and transit agencies in 2023. By comparison, from 1997 to 2020, the DTS measured ITS deployed by about 850 agencies operating in a subset of large metropolitan areas, which were natural test beds for early ITS.

With the update, ITS deployment is now measured in smaller urban and rural areas in addition to large metropolitan areas.

Why Expand the ITS DTS?



ITS has moved beyond large metropolitan areas. For example, the ITS JPO's 2019 Small Urban and Rural Transit Survey, as well as its internal research on arterial roadway ITS deployment, demonstrated that smaller urban and rural areas are deploying ITS. The updated DTS represents this changing ITS landscape.



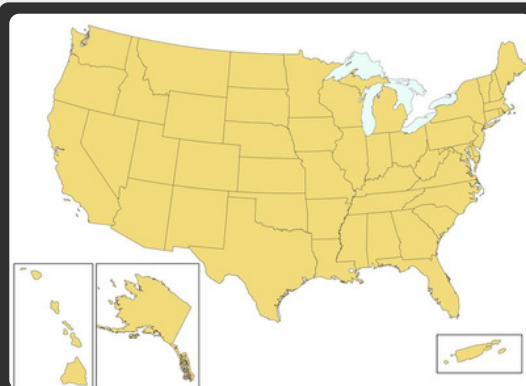
Technology grant programs provide opportunities for communities of all sizes to invest in ITS. The pipeline of ITS projects is expected to grow significantly in the coming years. The updated DTS positions the ITS JPO to track these future ITS deployments.

Nationwide Freeway Survey Coverage

Historically, only State DOTs and toll authorities that manage freeways in large metropolitan areas received the DTS Freeway Survey. The updated DTS takes a census approach and **surveys all freeway agencies**, which nearly triples the survey's coverage from about 140 to about 400 State DOTs and toll authorities.



Freeway Coverage (1997-2020)



Expanded Freeway Coverage (2023+)

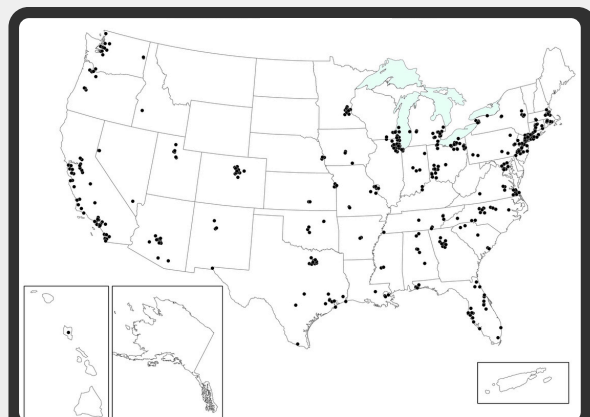
Arterial and Transit Surveys Expand

Two Arterial Surveys

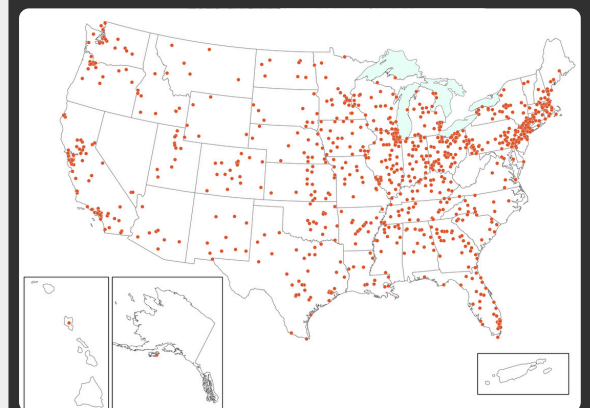
Arterial roadways are managed by State DOTs and local agencies, such as counties, cities, and towns. Historically, State and local agencies that manage arterial roadways in large metropolitan areas received the DTS Arterial Survey. With the updated DTS, the Arterial Survey is **administered to State and local agencies** using the same questions and a distinct selection method for each agency type.

For the **State DOT Arterial Survey**, the updated DTS takes a census approach, which increases the survey's coverage from about 80 to more than 350 State DOTs that manage assets on arterial roadways.

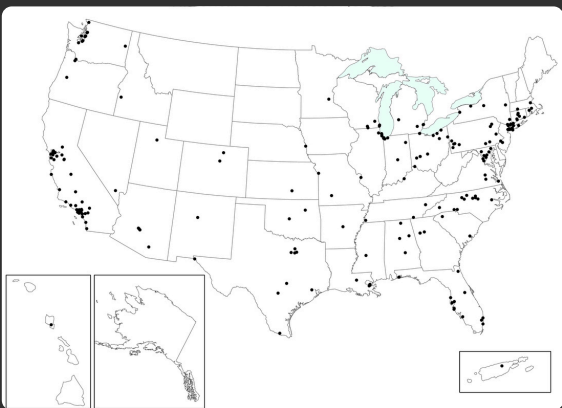
The **Local Agency Arterial Survey** uses a random sample of counties, cities, and towns. With updates to the DTS, the number of surveyed local agencies grows from about 430 agencies in large metropolitan areas to nearly 900 local agencies in large metropolitan, smaller urban, and rural areas.



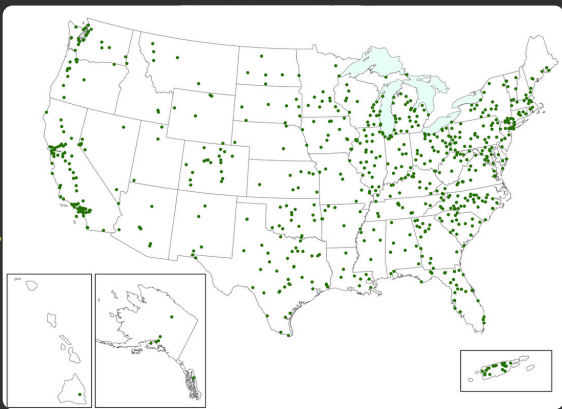
Local Coverage (1997-2020)



Expanded Local Coverage (2023+)



Transit Coverage (1997-2020)



Expanded Transit Coverage (2023+)

Transit Survey

Historically, about 210 transit agencies operating in large metropolitan areas received the DTS Transit Survey. The updated Transit DTS uses the **National Transit Database** to draw a random sample of agencies. This results in nearly 740 transit agencies operating in metropolitan, smaller urban, and rural areas now surveyed.

Urban Center Continuity

Local and transit agencies representing the largest populations (for example, New York City, Los Angeles, and Chicago) are automatically selected for inclusion in the survey to preserve continuity with the historical DTS.

