Center for Transportation Analysis

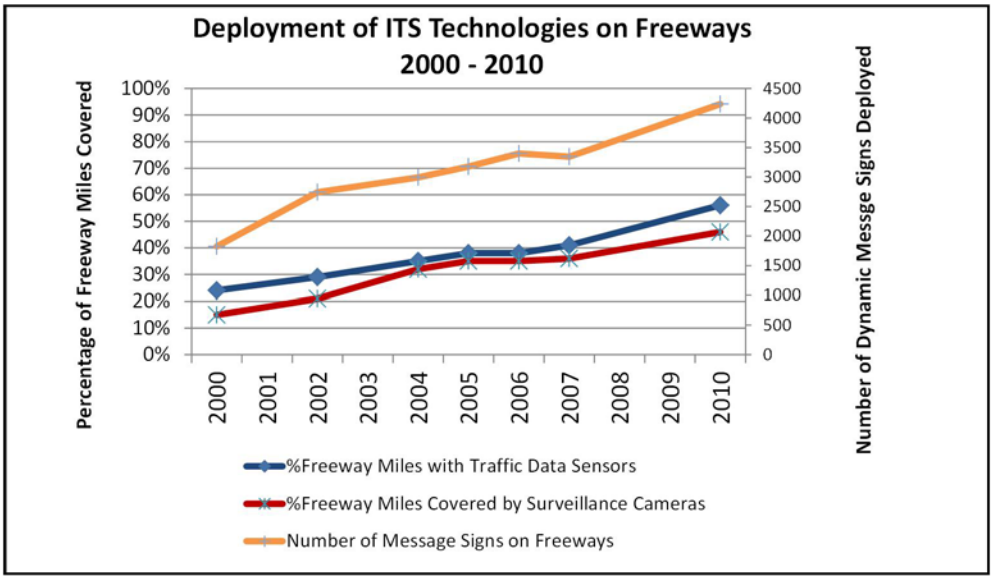
Intelligent Transportation Systems Deployment Statistics Database

The Intelligent Transportation Systems (ITS) Deployment Tracking Project collects and disseminates information on the level of deployment and integration of ITS technology nationally. Information is gathered through a series of national surveys, covering metropolitan as well as rural deployment. Surveys were conducted in 1997, 1999, 2000, 2002, 2004, 2005, 2006, 2007 and 2010. This is a large data gathering effort. In the most recent survey, conducted in 2010, transportation agencies in 108 metropolitan areas involved with freeway, arterial, and transit management, public safety, and toll collection were surveyed, as well as state departments of transportation in each state. In total, nearly 2000 agencies were involved.

This information is used by US DOT in support of the national ITS program.

Understanding the rate of ITS deployment in various metropolitan areas can lead to insights regarding future program changes, redefinition of goals, or maintenance of current program direction. In addition, through the ITS Deployment Tracking web site, the database supports other users:

- Federal, state and local elected officials with authority to allocate funds to ITS deployments wanting to learn more about ITS;
- State and local transportation officials interested in learning more about how other agencies have deployed ITS to help in their own deployment planning;
- ITS vendors conducting market analyses;
- Researchers seeking empirical data on ITS deployment; and
- Members of the general public interested in learning more about ITS.



Research Areas

Freight Flows

Passenger Flows

Supply Chain Efficiency

Transportation: Energy Environment

Safety Security

Vehicle Technologies

Oak Ridge National Laboratory managed by UT-Battelle, LLC for the U.S. Department of Energy under Contract number DE-AC05-00OR22725

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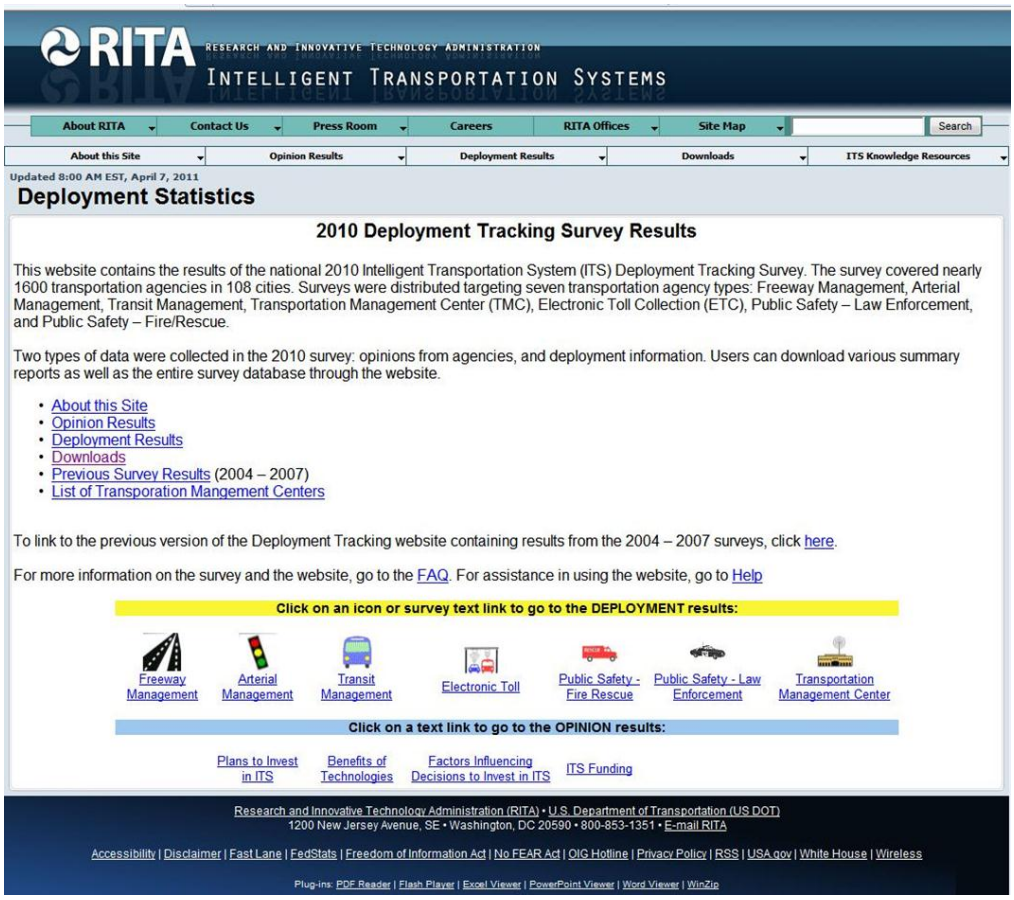
ITS Deployment Statistics Web Site

The ITS Deployment Statistics Web Site provides information on deployment of ITS technologies summarized nationally, by metropolitan area, or by individual agency. The site can be accessed at: http://www.itsdeployment.its.dot.gov.

Complete results are reported for each survey type as well as in the form of one-page fact sheets covering key deployment results for each metropolitan area. New for 2010 is a series of opinion questions, the results of which are reported graphically. The site also provides trend information as well as access to results from previous surveys.



The website supports on-line searches for information as well as the capability to download a variety of reports and summaries, including summaries of results for each survey type and a National Summary Report covering all data gathered in 2010. Users can also download the entire 2010 deployment tracking database through the website.

ITS Asset Location Data

In a new initiative, the deployment tracking data being gathered will be to go beyond statistical measures of deployment and for the first time track the location of key technologies on a digital map of the national interstate system. It is expected that mapping ITS deployments will greatly increase the utility of the data both as a method of tracking deployment and as a source supporting a wide variety of analyses. It is expected that initial results from the data collection will be available on-line in the late fall and winter of 2012.

What's Next for Deployment Tracking

Planning is underway for the next national survey, to be conducted over the summer of 2013.

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