

The Oregon Modeling Statewide Collaborative OMSC

Working together to ensure Oregon has the right data, tools, and expertise needed to answer important questions about our transportation systems, land uses, and economy.

The Oregon Modeling Statewide Collaborative (OMSC) began in 1996 as a peer review group for the Oregon Department of Transportation's (ODOT's) Modeling Improvement Program. Since then, inter-agency collaboration has continued as ODOT and metropolitan planning organizations (MPOs) across the state work to improve transportation forecasting tools and collect associated data. Working together, OMSC partners:

- Promote interagency communication, coordination, and cooperation
- Facilitate technical collaboration, innovation, and research
- Cultivate the knowledge and skills of Oregon's modeling professionals
- Expand awareness and understanding of Oregon's modeling needs and capacities.

The OMSC also sponsors the Oregon Modeling Users Group (OMUG), an information sharing forum open to anyone with an interest in transportation modeling.

For more information about the OMSC and OMUG, visit our website at www.oregonmodels.org.

OMSC Agencies

Oregon Dept of Transportation

Oregon Metro

Central Lane MPO

Salem-Keizer Area Transportation Study

Corvallis Area MPO

Albany Area MPO

Bend MPO

Rogue Valley MPO

Middle Rogue MPO

SW Washington Regional Transportation Council

Port of Portland

Portland Bureau of Transportation

Oregon Dept of Environmental Quality

Oregon Dept of Land Conservation and Development

Oregon Dept of Energy

Oregon Housing and Community Services

Portland State University

Oregon State University



The OMSC is a voluntary technical collaborative.
We do not direct or recommend public policy.

ABOUT THE OMSC

Why Do Agencies Choose to Participate in the OMSC?

Transportation plans and investment policies affect everyone's life quality. Many transportation planning agencies have similar needs for meaningful, analytically valid transportation forecasting models that show how decisions made today may influence future travel. Working together provides a cost-effective approach to developing and improving transportation forecasting models.

What Has the OMSC Accomplished?

Through the years, OMSC partners have collaborated to develop state-of-the-industry travel forecasting models for Oregon's MPOs and other urban communities. Working together means we can do more with limited resources, providing partner agencies with sophisticated planning tools that typically out-perform those used in comparable areas of the country.

Travel models rely on real-world data, so OMSC agencies work together to conduct periodic statewide travel surveys, gathering essential travel behavior data needed to improve the accuracy of future travel forecasts. The OMSC's approach provides an economy of scale for partner agencies, and yields consistent, uniform, detailed data covering all areas of Oregon. This valuable data is essential for travel modeling and has many other policy planning uses.

Currently, OMSC agencies are also working to develop new activity-based transportation models for MPOs across the state. These new models leverage the travel survey data to forecast multi-modal travel behavior, and to answer questions about fairness, emissions, new vehicle and fuel technology, active transportation modes, ride hailing and ride sharing applications, and many other emerging trends and policy topics.

How is the OMSC Funded?

As a voluntary collaborative, the OMSC is not a directly funded effort. Each participating agency contributes their staff's time to participate in OMSC activities and determines when to provide additional resources for collaborative projects.

Who can attend OMSC and OMUG events?

While the OMSC is primarily a forum for regional and statewide governmental agency collaboration, local government staff, consulting firm staff and anyone else with an interest in transportation modeling are welcome to observe OMSC biannual meetings and actively participate in Oregon Modeling Users Group events.

For more information visit www.oregonmodels.org.