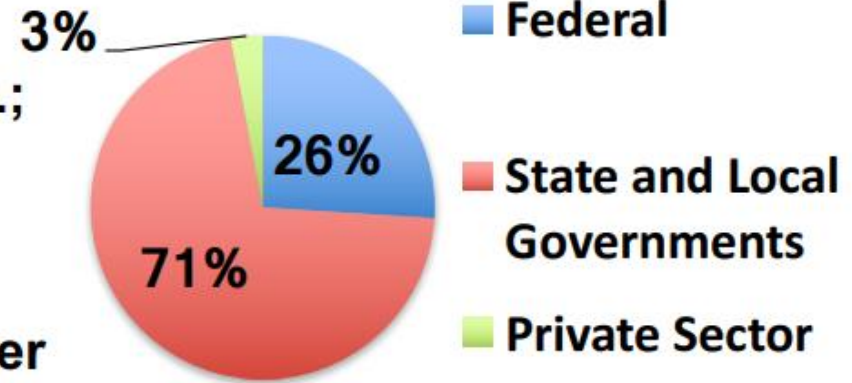# Transportation@Maryland Overview

Research and T2

- Top 4 transportation program in U.S.; and Top 11 in the world (ARWU)
- A top 5 program based on funding total and the most productive program based on funding/researcher
- Top 2 program based research publications
- Many technology transfer successes

Education & Workforce Dev.

- Transportation education programs supporting 75 graduate & 100+ undergraduate students each year
- Leader of the largest transportation training program in the U.S.: CITE
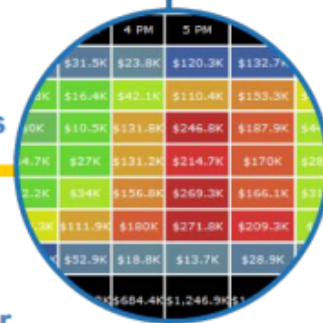- Online MS Program in Transportation

3%
26%
71%

■ Federal

■ State and Local Governments

■ Private Sector

MTI-Affiliated Centers/Labs

Big Data and Data Analytics

Transportation-Related Research Centers

- **U.S. DOT National Transportation Center (ENG)**
  One of the five U.S. DOT designated National University Transportation Centers
- **Center for Advanced Transportation Technology (ENG)**
  Largest transportation data and data analytics center in US
- **National Center for Smart Growth (ARCH)**
- **Center for Geospatial Information Sciences,**
- **Experimental Economics Lab, and INFORUM (BSOS)**
- **FAA Center for Aviation Operations Research and Center for Supply Chain Management (BUS)**
- **Human Computer Interaction Lab (CMNS)**
- **Urban Computing Lab and CASCI (iSchool)**
- **Center for Health and Risk Communication (ARHU)**
- **More than 20 Transportation-Related Centers and Labs**
- **More than 50 affiliated faculty members**

Behavior, Planning & Policy

Systems Operations & Safety

Outreach and Technology Transfer

Transportation@Maryland engages faculty, staff, and students from ten UMD colleges.

Partnership for Real-World Solutions

UMD faculty, researchers, and students have developed and deployed **real-world solutions that drive revenue and solve problems** for:

- Federal, state (all 50 states and D.C.), and local governments
- Many MD state, metropolitan, and local agencies
- Private sector industry
- Military
- Etc.

Strategic Plan for 2018~2022

A Top 10 Transportation Program in the World w. $30 M Annual Funding

Transportation Big Data and Data Analytics

Infrastructure Sciences & Policy Innovation

Smart Cities & Communities

Connected and Automated Vehicles

Next Generation Freight and Supply Chain Logistics

Future Mobility Systems