



COLORADO

Department of
Transportation

Leadership Exchange 2016: Transportation and
Infrastructure
September 23, 2016

FY 2016-2017
\$1.44 BILLION BUDGET

CDOT RESPONSIBILITIES

ADMINISTERS
\$208
MILLION
EACH YEAR IN FEDERAL
GRANTS



3,454
BRIDGES



CDOT
MAINTAINS & OPERATES
23,000
TOTAL
LANE MILES
OF HIGHWAY



**DIVISION OF
TRANSIT
AND RAIL**

ADMINISTERS FED/STATE
GRANTS AND OPERATES
BUSTANG

6.1 MILLION
MILES
PLOWED
OF SNOW PER YEAR



35 MOUNTAIN
PASSES
OPEN YEAR-ROUND



**AIRPORT
PLANNING**
INTERFACE WITH FAA



Source: Colorado Department of Transportation, 2014

Purpose

Provide Freedom, Connection,
and Experience through Travel



2015

Summit

Best Department of Transportation in the Nation

Peaks

Technology

People

System

Help Our People
with Technology

Improve Travel
Experience with
Technology

Internal
Customer
Focus

Improve the
Customer
Experience

Base Camps

Big Data

Develop
Leaders

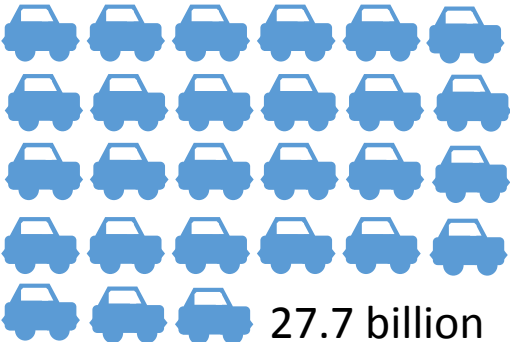
Asset
Condition

THEN AND NOW *per capita spending*

1991



3.3 million



27.7 billion

vehicles miles traveled



\$125.70/person

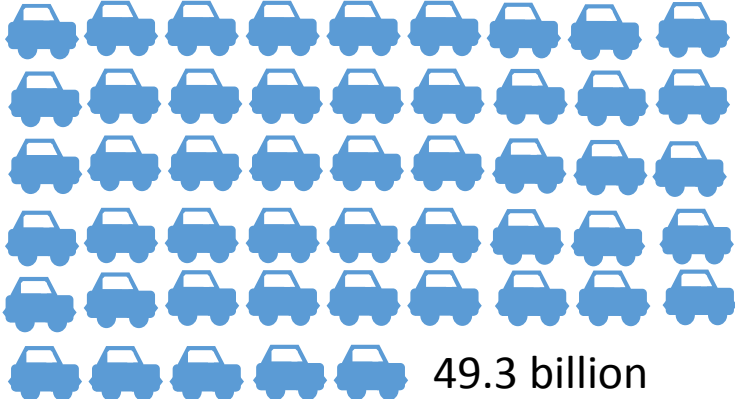
VS.

population

2015



5.4 million



49.3 billion

vehicle miles traveled



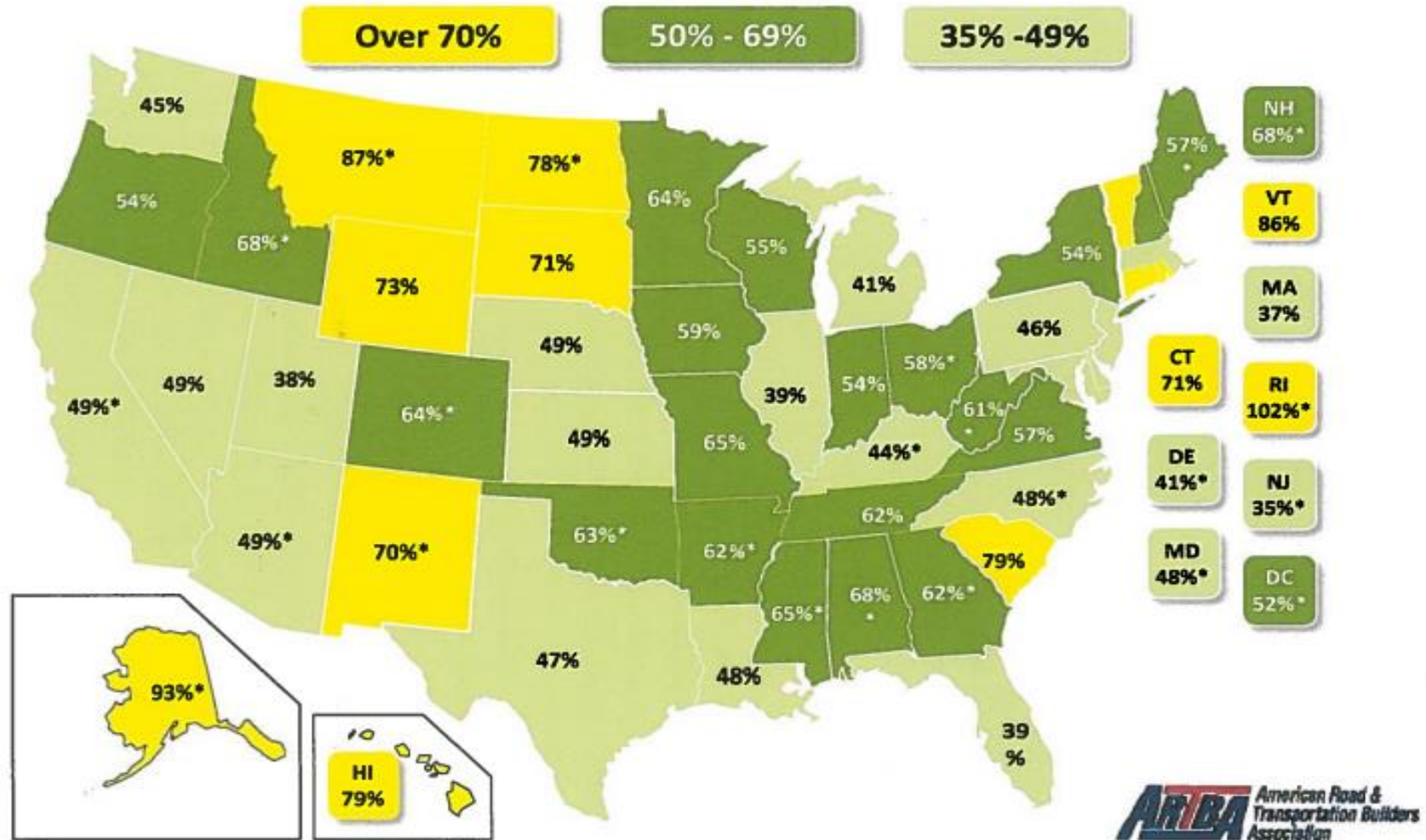
\$68.94/person

dollars
spent/person

All dollar figures adjusted for inflation

FUNDING AND BUDGET

use \$2 federal for every \$1 state



Source: ARTBA analysis of "FHWA Highway Statistics" data, total 10-year average 2001-2011 from Tables SF-1 and SF-2. The percent is the ratio of federal-aid reimbursements to the state and total state capital outlays and is indicative of the importance of the federal-aid program to state capital spending for highways and bridges. Does not include local capital spending. Federal highway reimbursements are primarily used for capital outlays, including construction, right-of-way acquisition and engineering, but are also used for debt service for GARVEE bonds.

* States that have issued GARVEE bonds before 2011.

OUR CHALLENGE

continued growth

From
2013
to
2040



Population

+47%



7.8 MILLION
COLORADANS



Vehicle Travel

+47%



41.8 BILLION
MILES TRAVELED



Avg. Traffic Delay
on congested corridors

2 to 3
TIMES



DURING
PEAK HOURS
(if we do nothing)



Shared Vision | Transportation & Infrastructure Salt Lake City Leadership Exchange 2016

Carlos Braceras, P.E.
Executive Director, UDOT

Mission and Values

MISSION

Innovating transportation solutions that strengthen Utah's economy and enhance quality of life.

VALUES

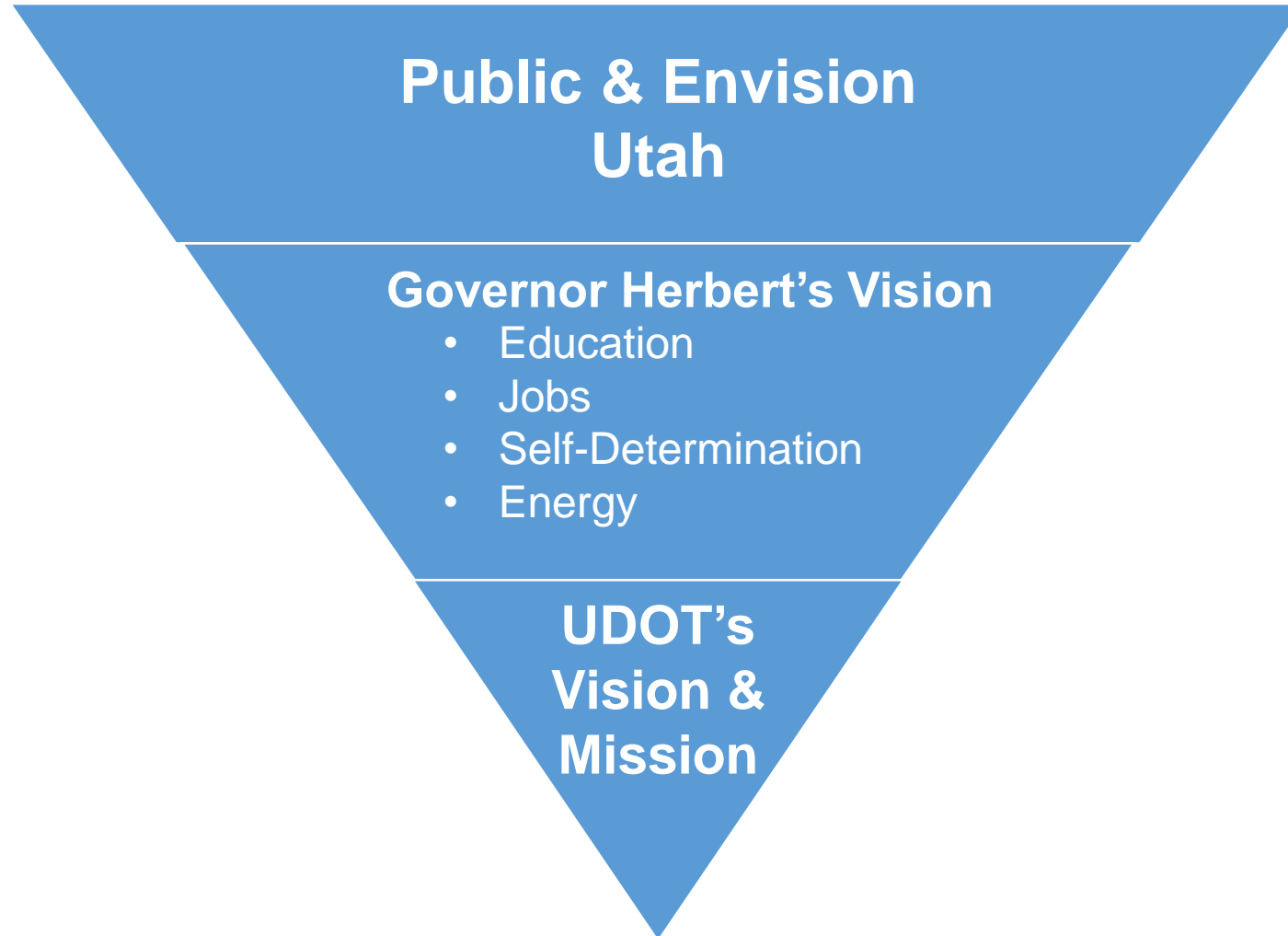
- Trust
- Integrity
- Fiscal Responsibility
- Dedication
- Passion
- Public Responsiveness

Key Ingredients

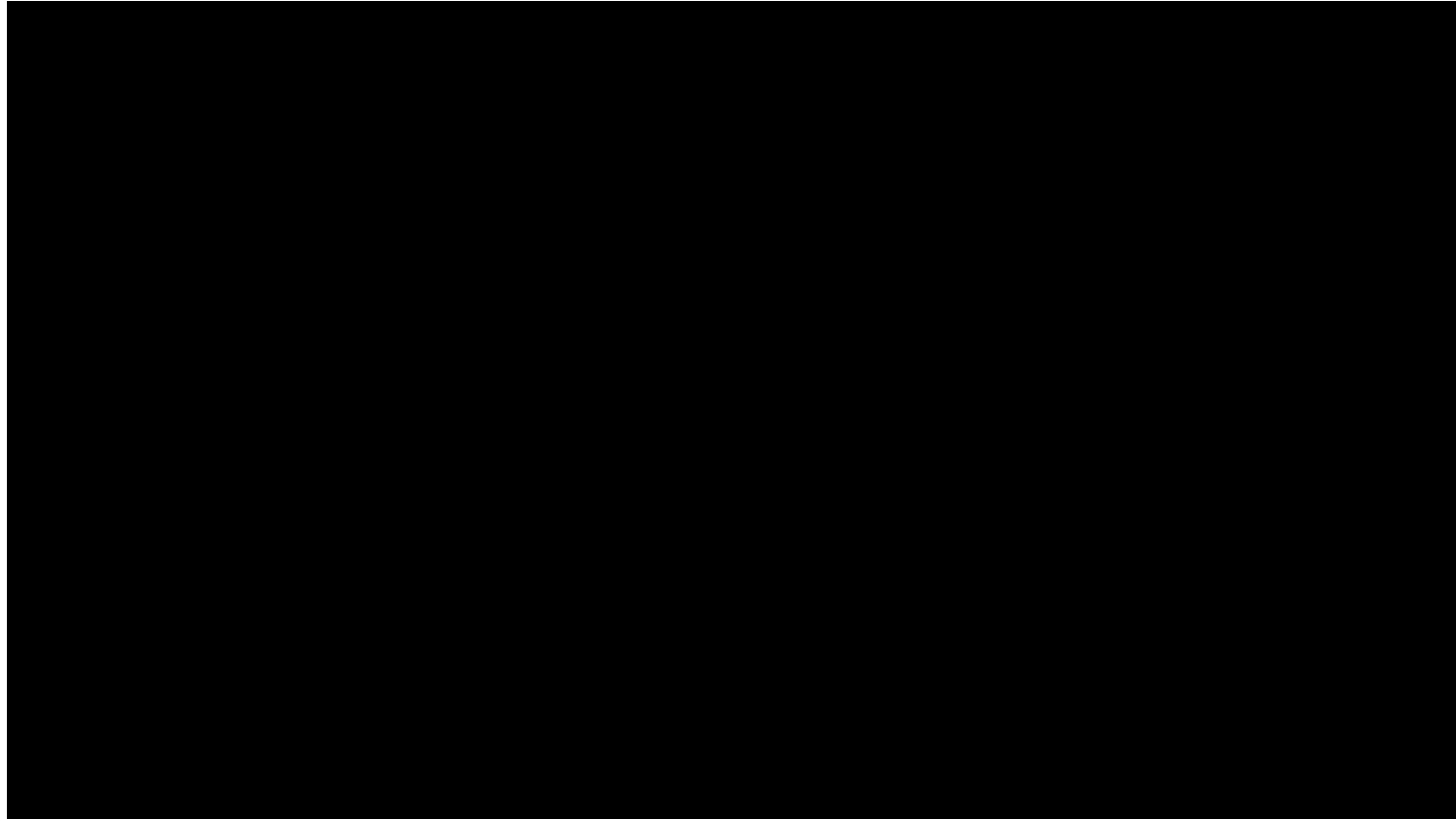


- Shared and aligned vision
- Trust
- Partnership
- Innovation

Shared and Aligned Vision



Trust



Success Through Partnerships

Airport TRAX



University TRAX / 400 South



3500 South/MAX
Bus Rapid Transit



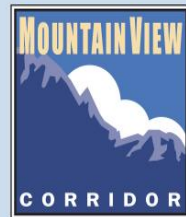
I-15 CORE/FrontRunner South



Inter-Regional Corridor
Alternatives Analysis



Mountain
View
Corridor



Utah
Collaborative
Active
Transportation
Study



I-15 State Street/North-South TRAX



Innovations



Innovations

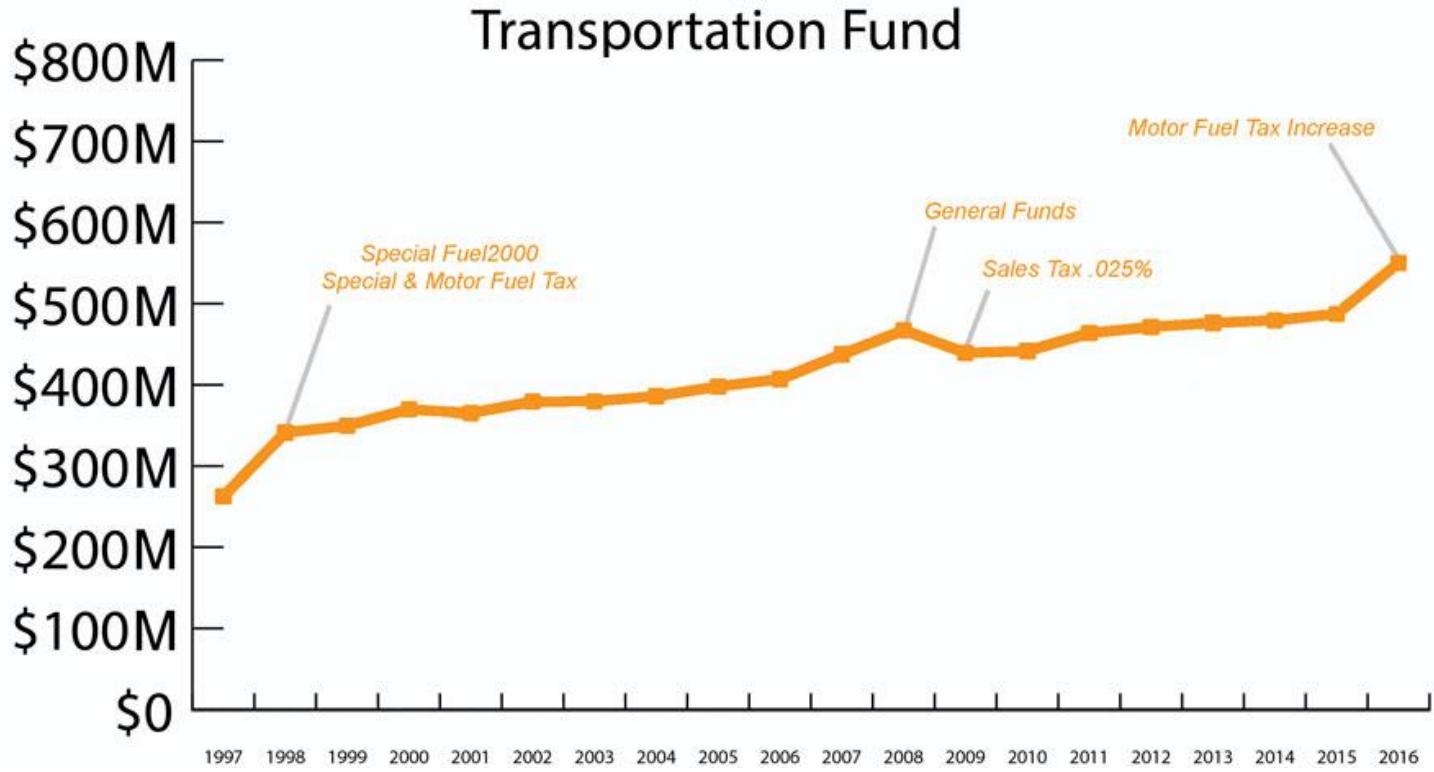
- Alternative delivery
- Price + time
- Innovative intersections and interchanges
- Connected signal system
- 3-D design and construction
- Lidar
- U-Plan
- Unified Long Range Transportation Plan

Putting It All Together

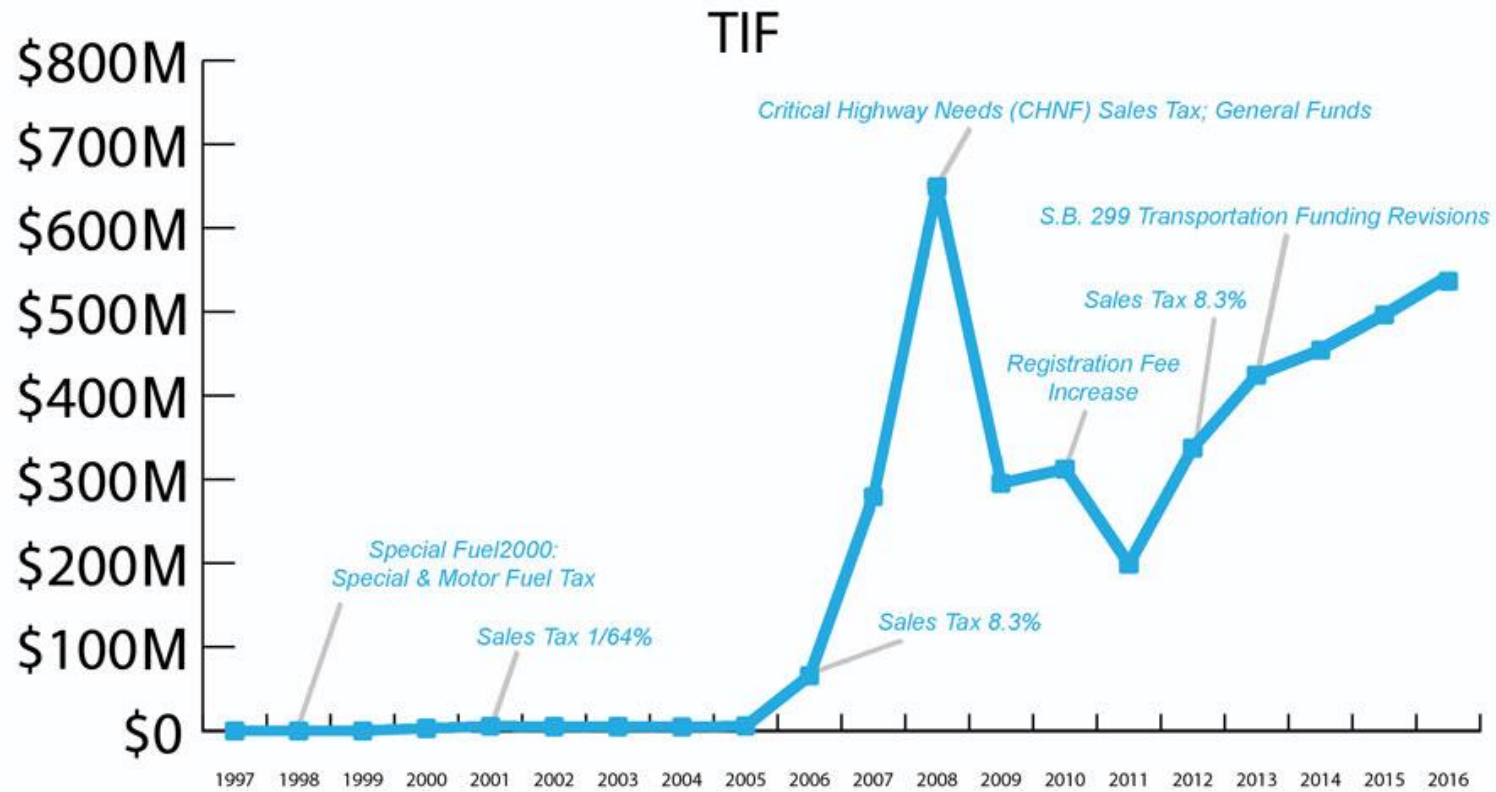


- Multi-modal EIS
- Olympics
- Transportation Planning Task Force
- Performance Measures and Reporting
- Transportation Coalition

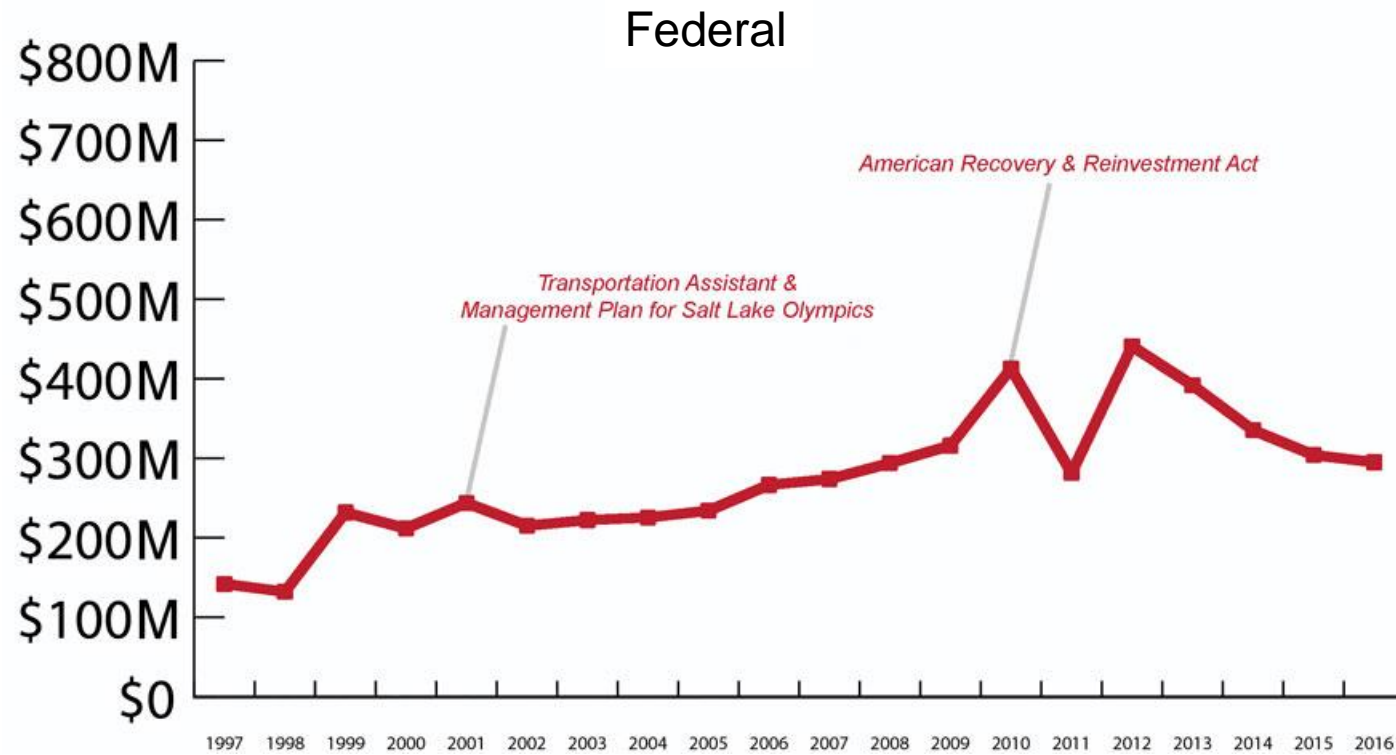
Transportation Funding



Transportation Investment Funding



Federal Funding



UTDOT

 *Keeping Utah Moving*