

The Value of Community Airports

Michigan Department of Transportation
Bureau of Aeronautics & Freight Services



Bureau of Aeronautics & Freight Services

Aviation Services Division

- Support & develop commercial air service
- Install & maintain nav aids, AWOS, fleet avionics
- Provide air transport
- Aviation safety & education
- Fiscal coordination

Airports Division

- Airport improvement programming
- Safety & compliance
- Project development
- Airport Preservation

Aviation in Michigan

A large commercial airplane is shown in flight, silhouetted against a bright, warm sunset sky. The sun is visible on the right side, creating a lens flare effect. The background transitions from a deep orange at the bottom to a bright yellow at the top. The airplane's wings, tail, and landing gear are clearly visible.

- 235 licensed, public-use landing facilities
- 18,610 active pilots
- 7,200 registered aircraft
- 30 scheduled airlines
- 6 aircraft manufacturers
- 131 aircraft/component repair stations
- 6 military aviation facilities

Airports Provide Access

Airports form a transportation network, just as our highway system provides access for business and tourism

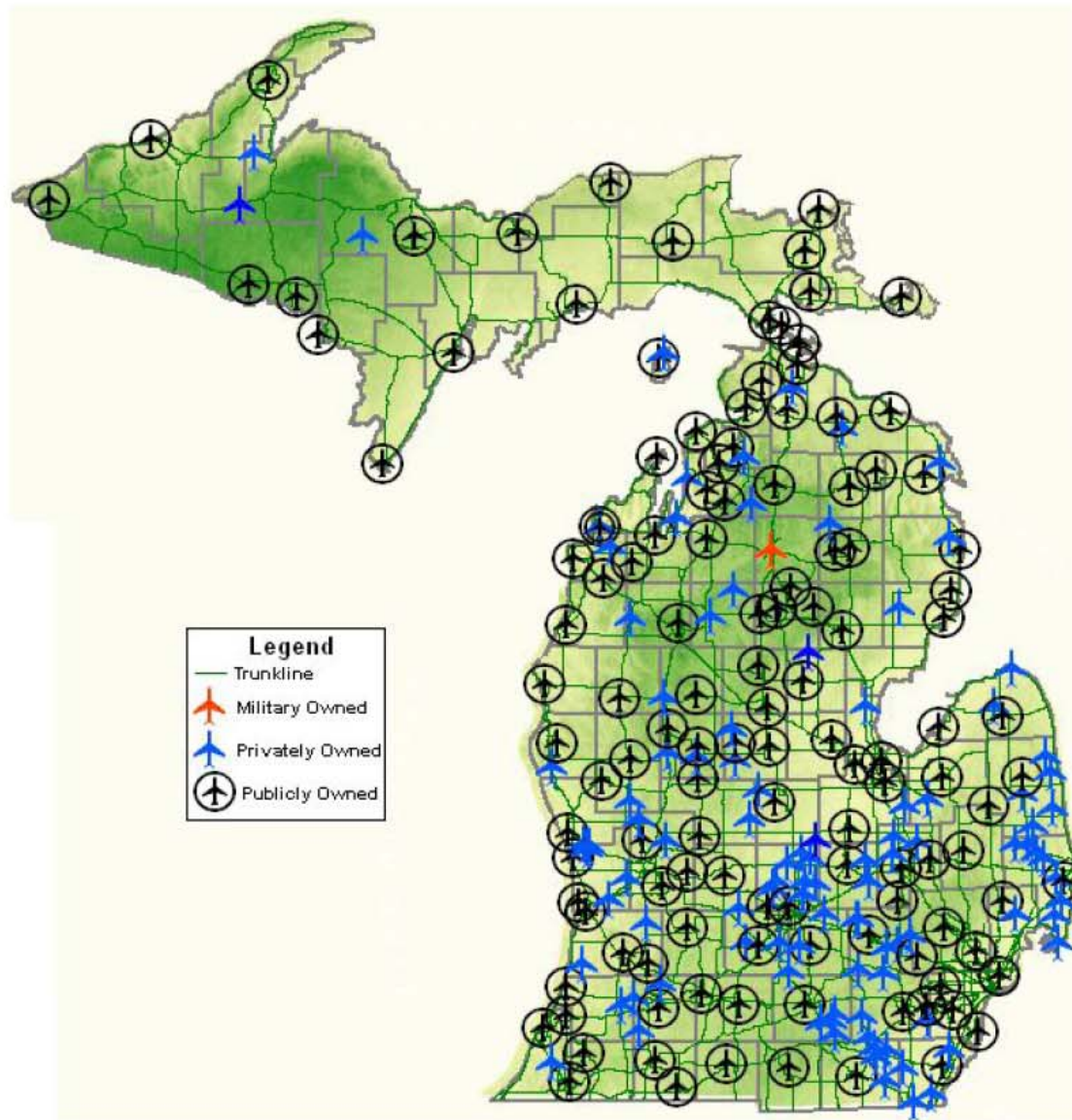
- Michigan has 235 public use landing facilities, 18 of those offer scheduled airline service
- Nationwide, there are 5,400 public use airports, 550 with scheduled air carrier service
- Majority of airports serve general aviation (GA) or aviation other than scheduled airlines or military
- 166 million passengers a year travel via GA making it America's largest "airline."

If you pave a mile of highway, you can travel a mile. If you pave a mile of runway, you can travel anywhere in the world!

Scheduled Airline Hubs



Public Use Airports in Michigan





Airports and Aviation are Vital To Michigan's Economy and Quality of Life

- **Essential to attract and retain industry**
 - Over 1,000 companies, that employ 1 million people, operate aircraft in Michigan
 - 5th nationwide in number of business aircraft
 - Business aviation is the fastest growing segment of GA
- **When Time is Critical**
 - Overnight delivery (Fed Ex, UPS, USPS, etc.)
 - Manufacturing - “just-in-time-inventory”
 - Police, firefighting, search and rescue
 - Health & safety (air ambulance, organ transplant)

Economic Impact of Aviation in Michigan (Annual)

- Detroit Metro contributes \$7.6B
- Willow Run contributes \$214M
- GA contributes \$11B
- 50 million passengers
 - 34 million airline passengers
 - 16 million GA passengers
- One billion pounds of air cargo

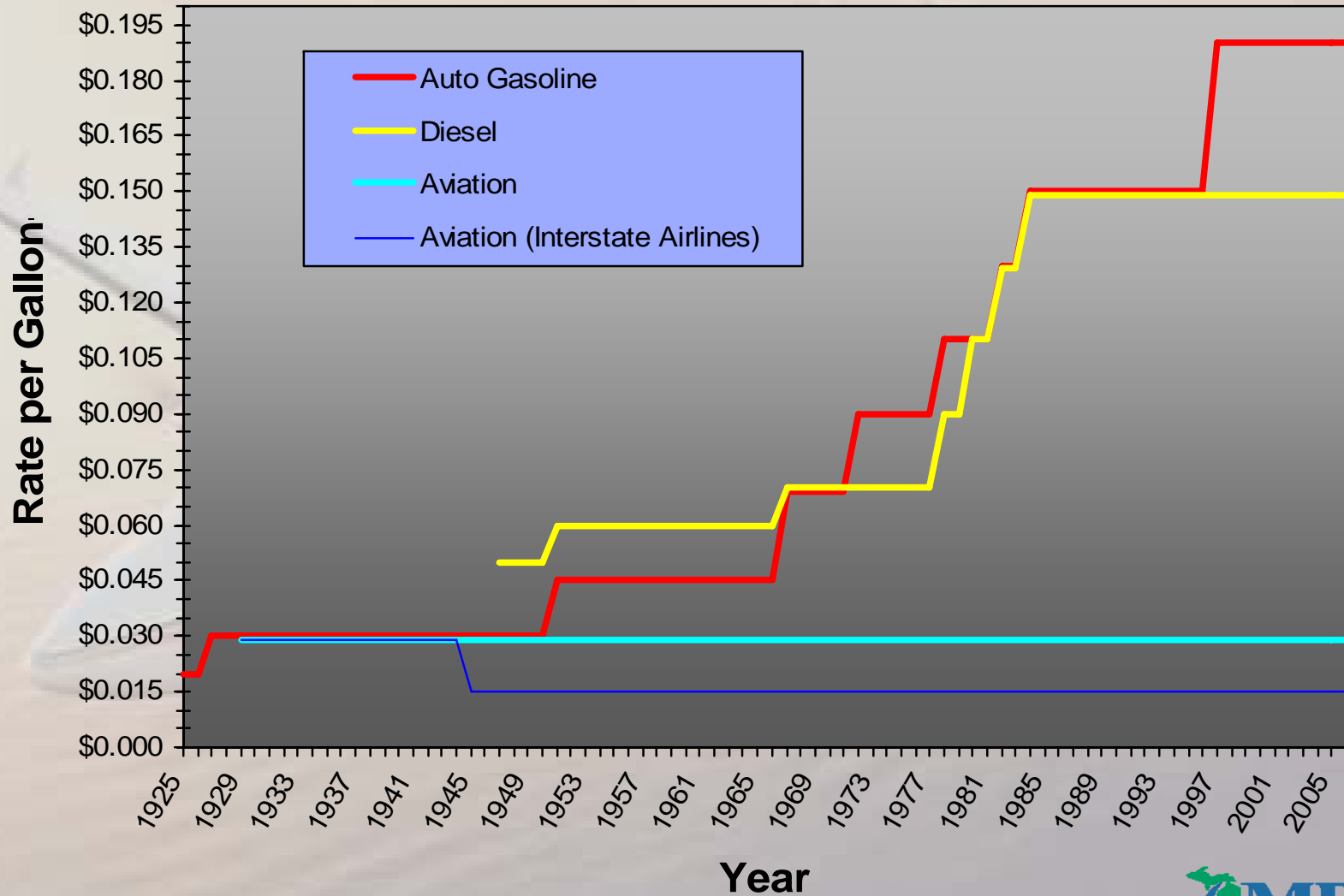


Airport Improvement Projects

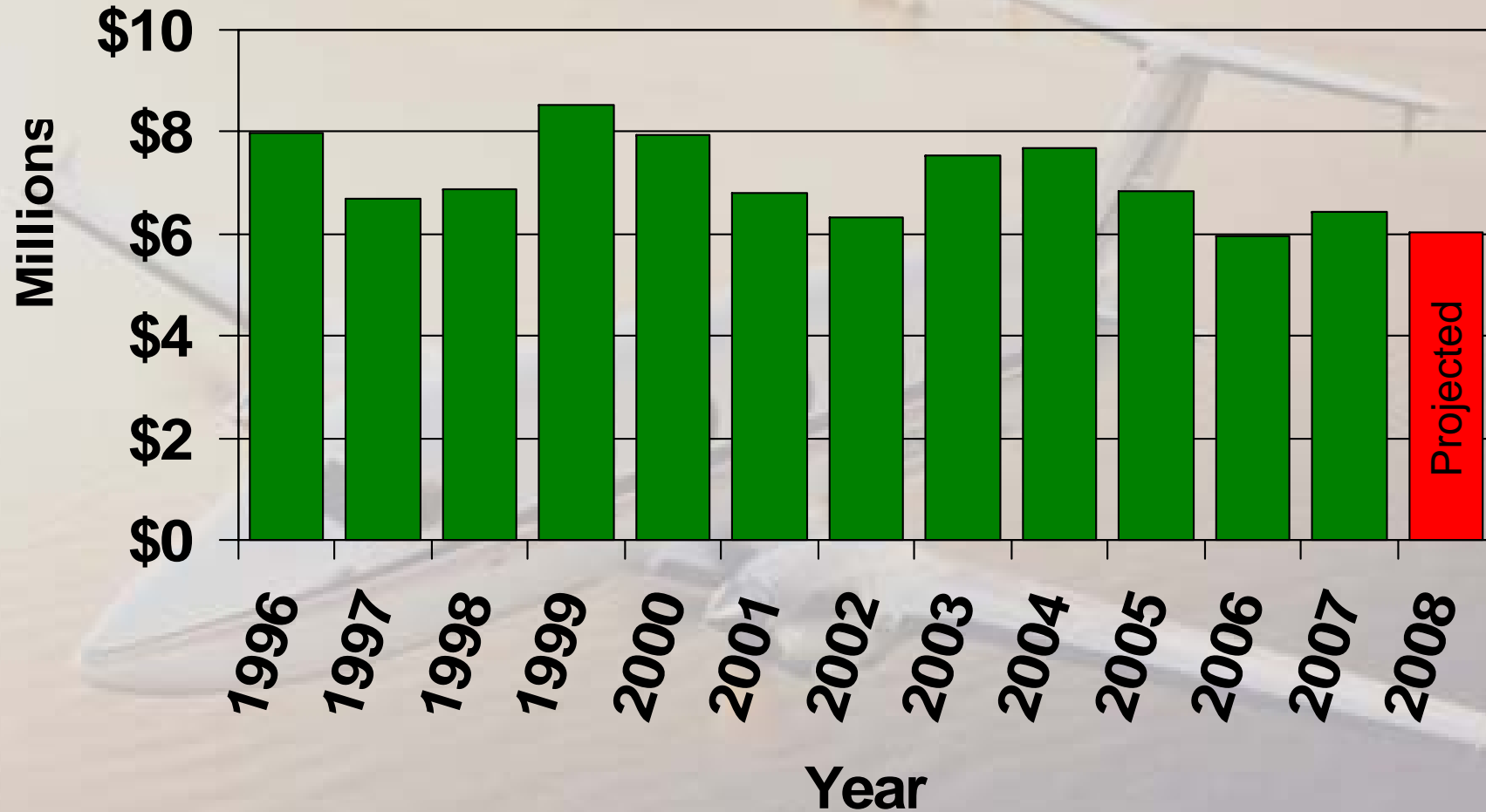
How are they funded?

- **Federal Funds**
 - Airways & Airports Trust Fund
 - “Vision 100, Century of Aviation Reauthorization Act”
 - Funding authorization ends in September 2008
 - Reauthorization beyond FY 2008 still in question
- **State Funds**
 - Aviation Fuel Tax, 3¢ per gallon since 1929
 - Detroit Metro Parking Tax
 - Airport Safety and Protection Plan Bonds (ended 2007)
- **Local Funds**
 - Used to match federal and state grants (typically 2.5-5% of project total)

Michigan Fuel Tax Rates

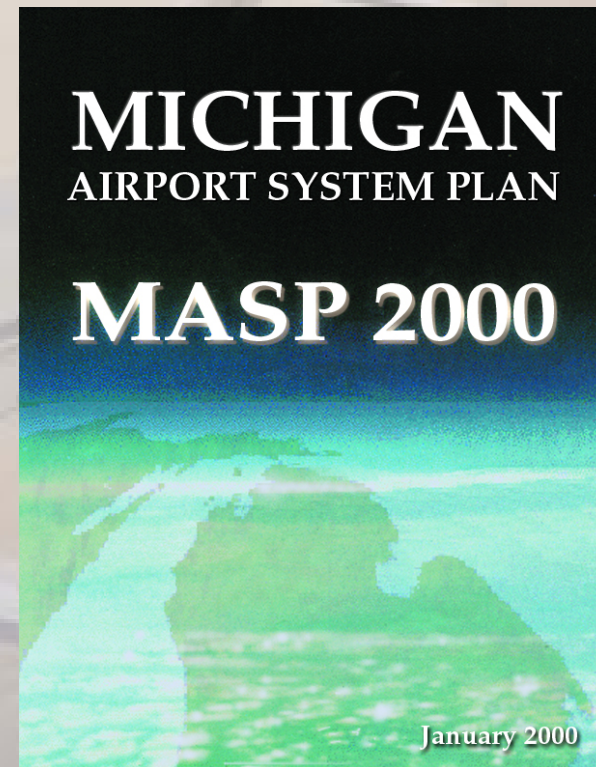


Aviation Fuel Tax Revenue



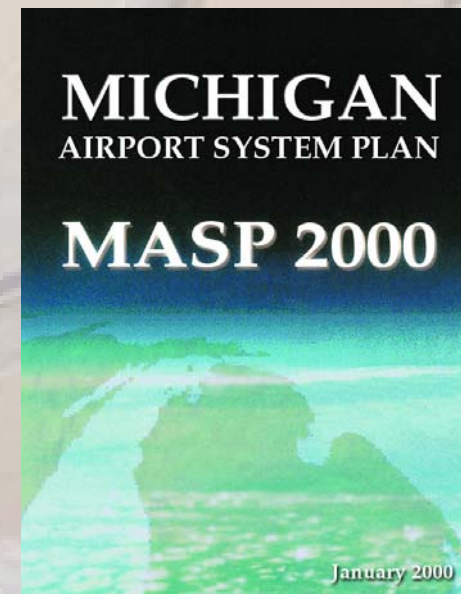
Michigan Airport System Plan

- **Key asset management document**
- **Used to determine funding priorities at Michigan's public use airports**
- **Update in progress, ready July 2008**



Michigan Airport System Plan

- **Population centers**
- **Business centers**
- **Convention & tourism centers**
- **General population**
- **Capacity (critically short in S.E. Mich)**
- **Land coverage (safety)**
- **Isolated populations (i.e. islands)**



SUMMARY

- **Airports and aviation are critical to our transportation system**
- **Commercial and general aviation provide a positive economic impact**
- **Despite rising fuel and operational costs, general aviation is expected to expand rapidly**
- **The new business highway is in the SKY, and your local airport is a convenient access ramp**
- **In order to preserve our essential airport network, we must provide adequate investment**