

2008 Transportation Asset Management Conference
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Investment Reporting

Asset Management Conference,
Lansing April 3, 2008
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Asset Management Section, MDOT

In the Beginning...

- PA 499 of 2002
 - Created the Asset Management Council
 - Advises the STC on statewide Road and Bridge strategy
 - Federal Aid System (43,000+ miles)
- Adopted and Conducted:
 - Data Condition Assessment method (PASER)
 - Data collection process (have been surveying since 2003)
 - Adopted RoadSoft as the Council's analysis tool
 - Instituted Investment Reporting --



PA 199 of 2007

- Reinforced the requirements of PA 499
- Requires a pavement management system
- Council has renewed efforts to obtain investment information
 - 3 Year Program of Projects
 - Requires use of an Asset Management Process
 - Improved the Internet Reporting Tool
 - Expanded tool training

The department and each local road agency shall keep accurate and uniform records on all road and bridge work performed and funds expended for the purposes of this section, according to the procedures developed by the council.

Each local road agency and the department shall annually report to the council the mileage and condition of the road and bridge system under their jurisdiction and the receipts and disbursements of road and street funds in the manner prescribed by the council...



History – What’s Been Tried for Investment Reporting

- Originally hoped to use existing Act 51 Financial Reports
- Reporting dates (fiscal periods) were not compatible
- Financial Reports didn’t have the needed information
- TAMC set up own process



“Manner Prescribed by the Council”

- Internet-based reporting process:
<http://tamc.mcgi.state.mi.us/tamc>
 - Each Act 51 agency must register & ensure that accurate data is entered
 - An agency may optionally designate their respective MPO/RPC or contractor as their reporting agent
- OR
- By submitting through RoadSoft
- OR
- By submitting data directly to CGI in the appropriate formats



Investment Reporting

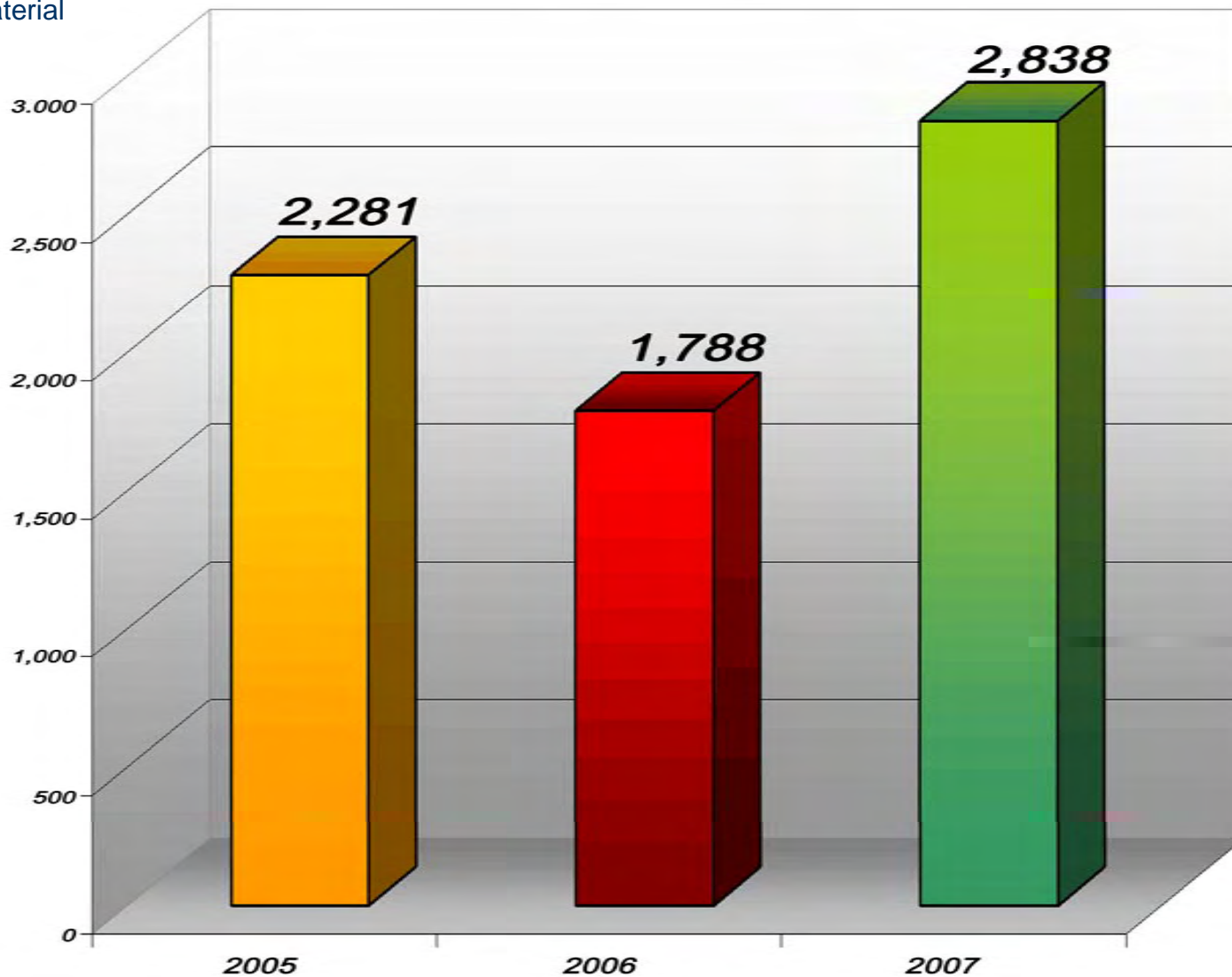
- Compliance has been disappointing
- In 2006
 - 44% registered & reported data
 - 28% registered but no data reported
 - 28% did not register or report data



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Total Miles Reported -All Jurisdictions-

(MDOT Not Included)



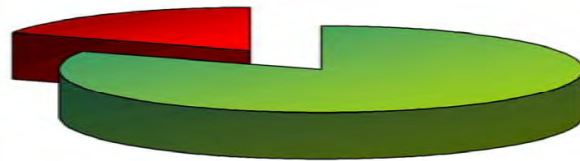
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Percentage of Jurisdictions Registered 2005 - 2008

As of 03/31/08

Federal Aid

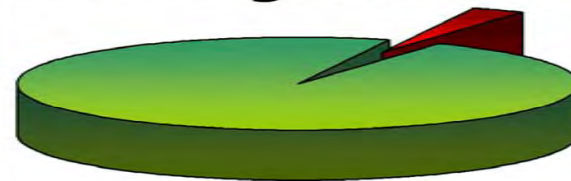
18%
Not Registered



82%
Registered

Top 124

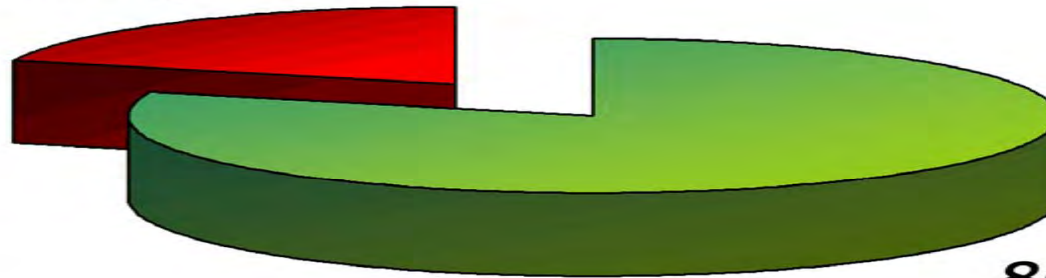
3%
Not Registered



97%
Registered

All Jurisdictions

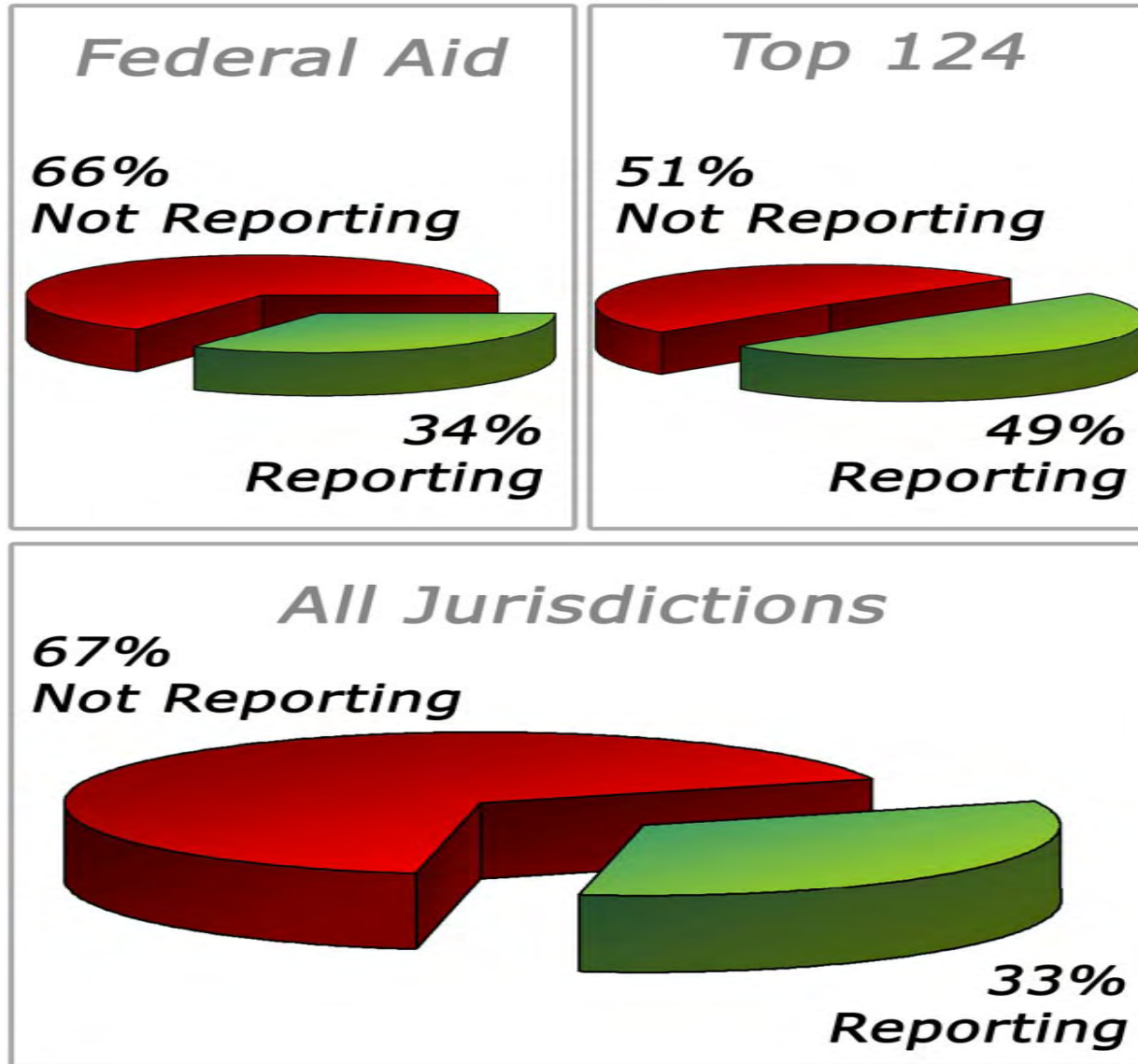
20%
Not Registered



80%
Registered

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Percentage of Jurisdictions Reporting 2007 Data As of 03/31/08



44% 2006

How Will Data Be Used? Two Ways:

- Annual report to the State Legislature as required by the law
 - Regionally
 - Statewide
 - NOT by individual jurisdiction
- Strategic Modeling -- How will our road system condition behave over time under different:
 - Different funding levels?
 - Pavement types ?
 - Project Types?
 - Project Costs?



Conclusion

- Investment data is CRITICAL to the Council's mission
- Continue to Enter Treatment Data and Costs for 2007
- Plan Ahead & Use Data Collection Forms for 2008
 - Can Enter Data throughout the year
- TAMC and MDOT will continue to Improve Reporting Methods for 2008 and beyond
 - Consolidate with Act 51 Financial Reports



Contacts / Feedback

- TAMC Questions – Gil Chesbro
 - ChesbroG@michigan.gov
 - (517) 373-2963
 - www.michigan.gov/mdotamc
- TAMC Helpdesk (MCGI)
 - cgi@michigan.gov
 - (517) 373-7910



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RoadSoft

- RoadSoft users must ensure investment data is loaded and validated in the IRT
- The Council uses IRT data to report to the Legislature and the State Transportation Commission
- RoadSoft investment reporting standards are consistent with the IRT
- Web-based training for collecting investment data using RoadSoft:
 - Friday, March 7 @ 10am
 - Thursday, March 13 @ 2pm
 - Contact LTAP @ (906) 487-2102



Investment Reporting Tool

- Application Overview
- Registration
- Helpful Information
- Entering Road Data
- Entering Multiyear Program Data
- Entering Bridge Data
- Sending Data
- Reports
- Status- update your status
- Links
- Security



Road Treatment Definitions

- **Mandatory Data:**
 - Date Open to Traffic
 - Multi-Year Program
 - Project Class
 - Treatment Type
 - Specification
 - Life Expectancy
 - Surface After Treatment
 - Total Cost
 - Number of lanes* (default to 2)
- **Other Data:**
 - Included in Cost
 - Cost Detail
 - Comment or Description

Selected Road Information

Select segments from the map using Add Segment tool OR use the Manual Select to find a road by name and intersection.

*** = Required**

* Date Open to Traffic: (mm/dd/yyyy)

* Is this part of the Multi-Year Program? Yes No

* Project Class:

* Treatment Type:

* Specification:

* Life Expectancy in Years:

* Surface Type After Treatment:

* Total Cost (\$):

Included in Total Costs:

<input checked="" type="checkbox"/> Edge-to-Edge of pavement	<input type="checkbox"/> Environmental	<input type="checkbox"/> Traffic Control (during work)
<input type="checkbox"/> Enhancements (landscaping, lighting, etc.)	<input type="checkbox"/> Guardrail	<input type="checkbox"/> Pedestrian
<input type="checkbox"/> Storm drain or drainage	<input type="checkbox"/> Sub-Base	<input type="checkbox"/> Utility Work (necessitated by road improvements)
<input type="checkbox"/> Other Costs (fill in details below)		

Cost Details/ Spending Breakdown: Example: Traffic Control= 20% of cost, Utility Work= 80% of cost

Comment or Description:

Treatment was successfully saved!

Project Overview

- TAMC is a legislated body of representatives from agencies who own roads or are responsible for road funding that coordinate:
 - The collection of the condition of federal-aid eligible roads and bridges
 - The collection of asset investment data
 - The reporting of the collected data and analysis to the Legislature and State Transportation Commission
- Michigan Center for Geographic Information (MCGI) is the central data agency and non-voting member of the TAMC



Act 51 Language

- “Each local agency and the department shall annually report to the council...the receipts and disbursements of road and street funds in the manner prescribed by the council...”
247.659a(9)

