

# HOUSE TRANSPORTATION & POLICY COMMITTEE HEARINGS

## Transportation Funding

Jim Saylor: SEDA-COG RPO

Amy Kessler: North Central RPO

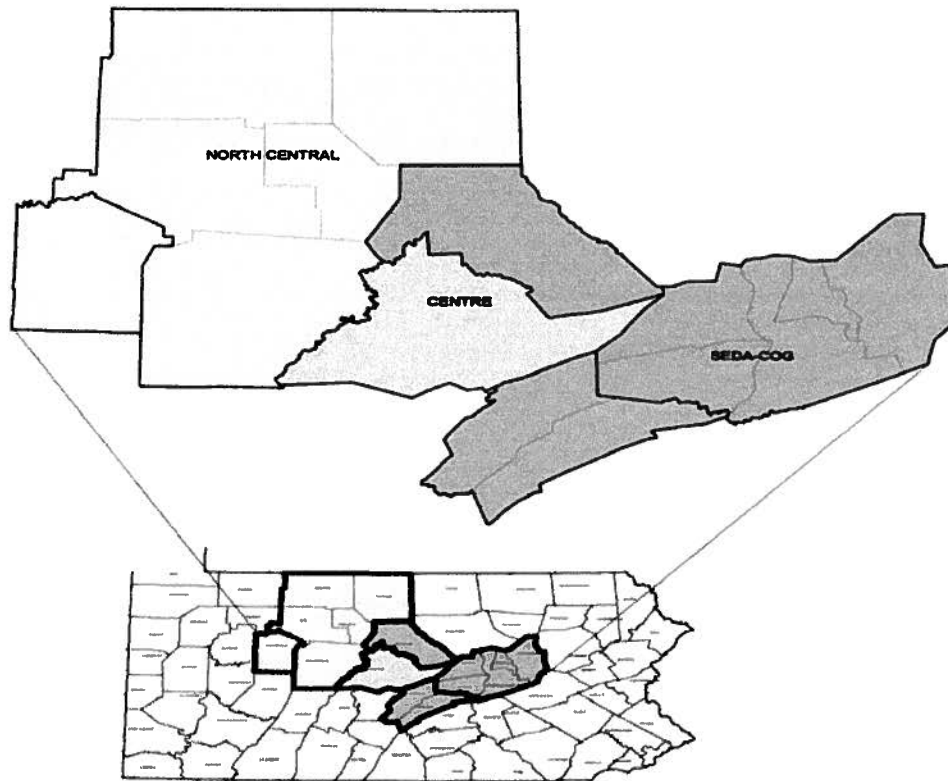
Tom Zilla: Centre County MPO



Lock Haven, PA – June 1, 2010



# Regional Map



- Sq . Mi – 9,617 (21.4% of state)
- Pop -732,000 (6% of state)
- 76.1 people per sq mi.

# Regional Information

## State of the Region (15 counties)

- 3,743 state bridges (>20 feet)
- 1,003 local bridges (>20 feet)
- 3 major interstates – 427 Miles
- 653 miles of NHS highways
- 315 traffic signals
- 4 fixed route transit operators (ATA, CATA, DUFAS and LATS)
- 22 airports (General aviation and commercial)
- 913 miles of rail
- 569 grade crossings



# Our Focus



## Maintaining system – especially core highways

- Bridges
- IRI and pavement cycles
- Safety

## Multi-Modal Investments

## Fully utilizing our resources

- Bridge preservation
- Act 44
- Bond financing
- ARRA



# Issues for Today



Are the Public Transportation, State Highway and Bridge systems in a financial crisis?

How does the condition of the infrastructure impact efforts to improve transportation?

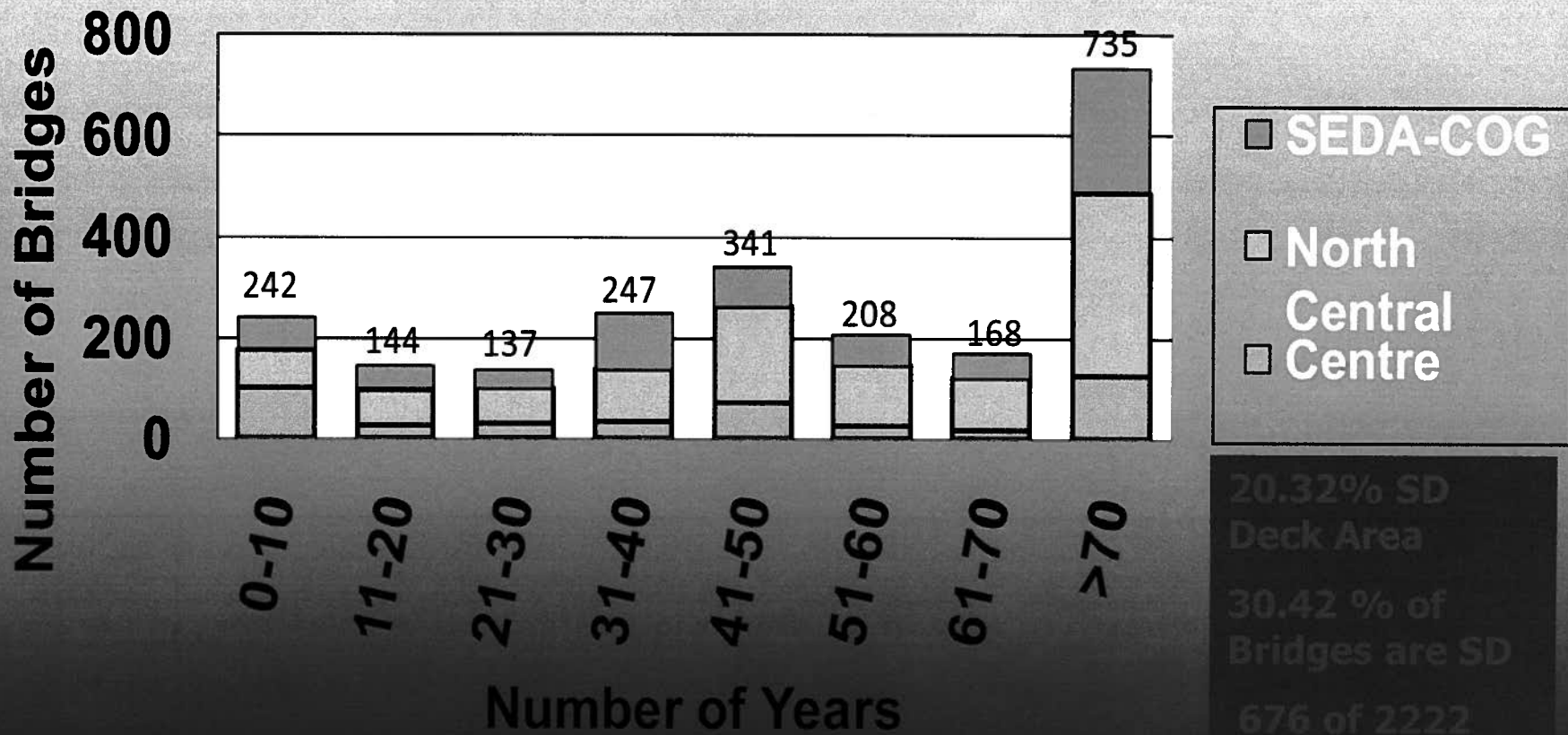
Is inaction acceptable?

What Funding is necessary?

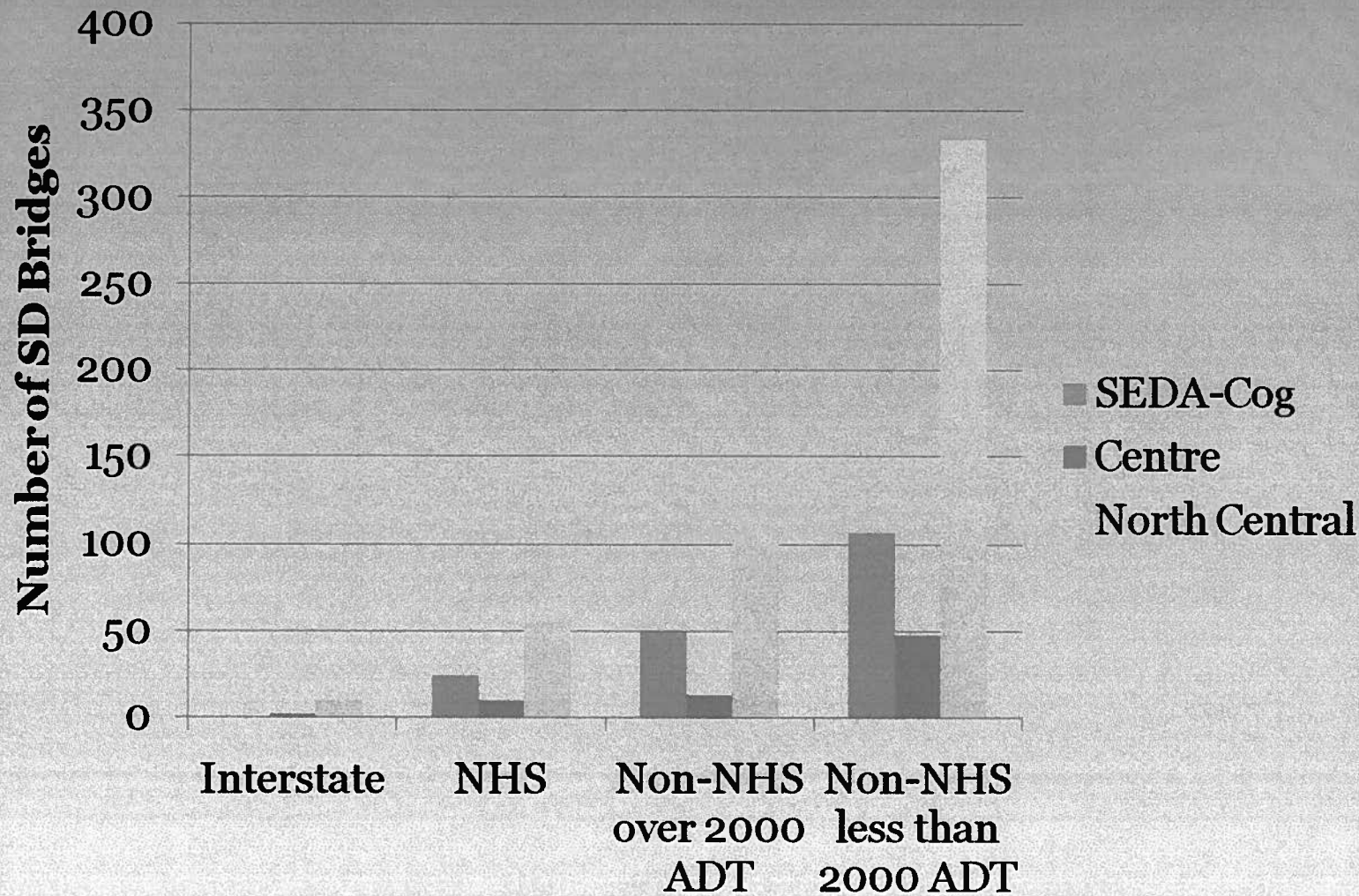
What could be accomplished with more funding?



# Age of State Bridges



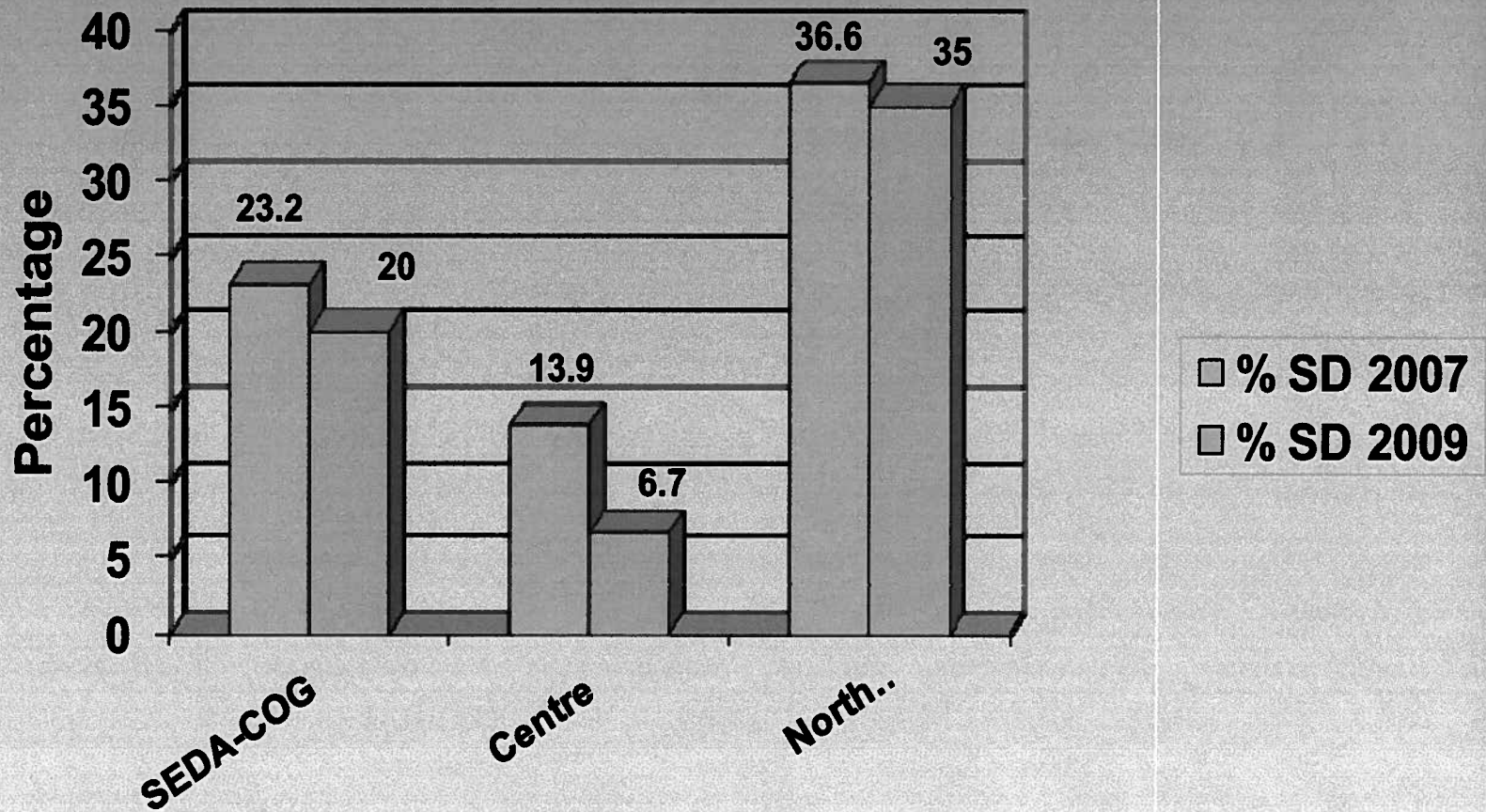
# SD Bridges by System



# Bridge SD Deck Percentages



State Bridges



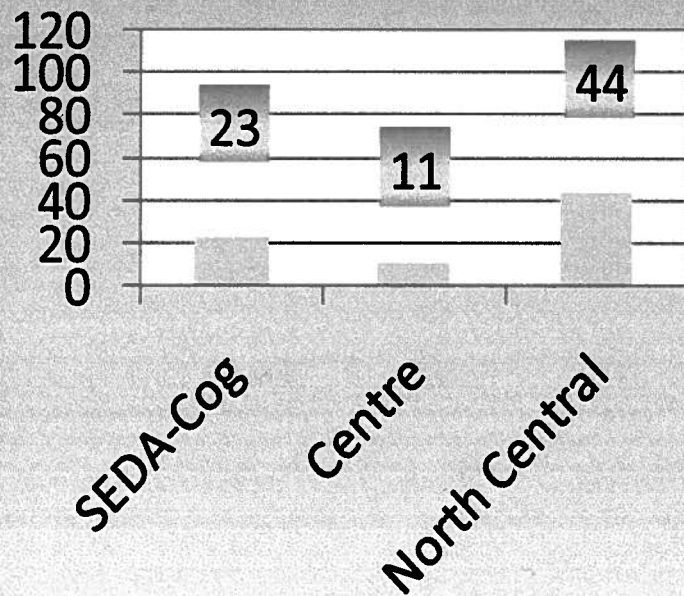


# Bridge Condition

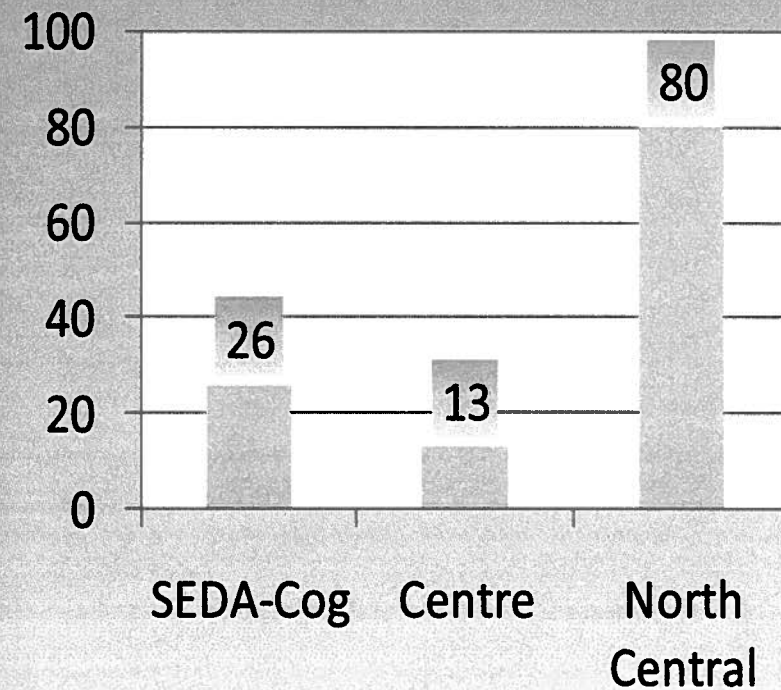
Weight Restricted or Closed Bridges



## State Weight Restricted or Closed Bridges



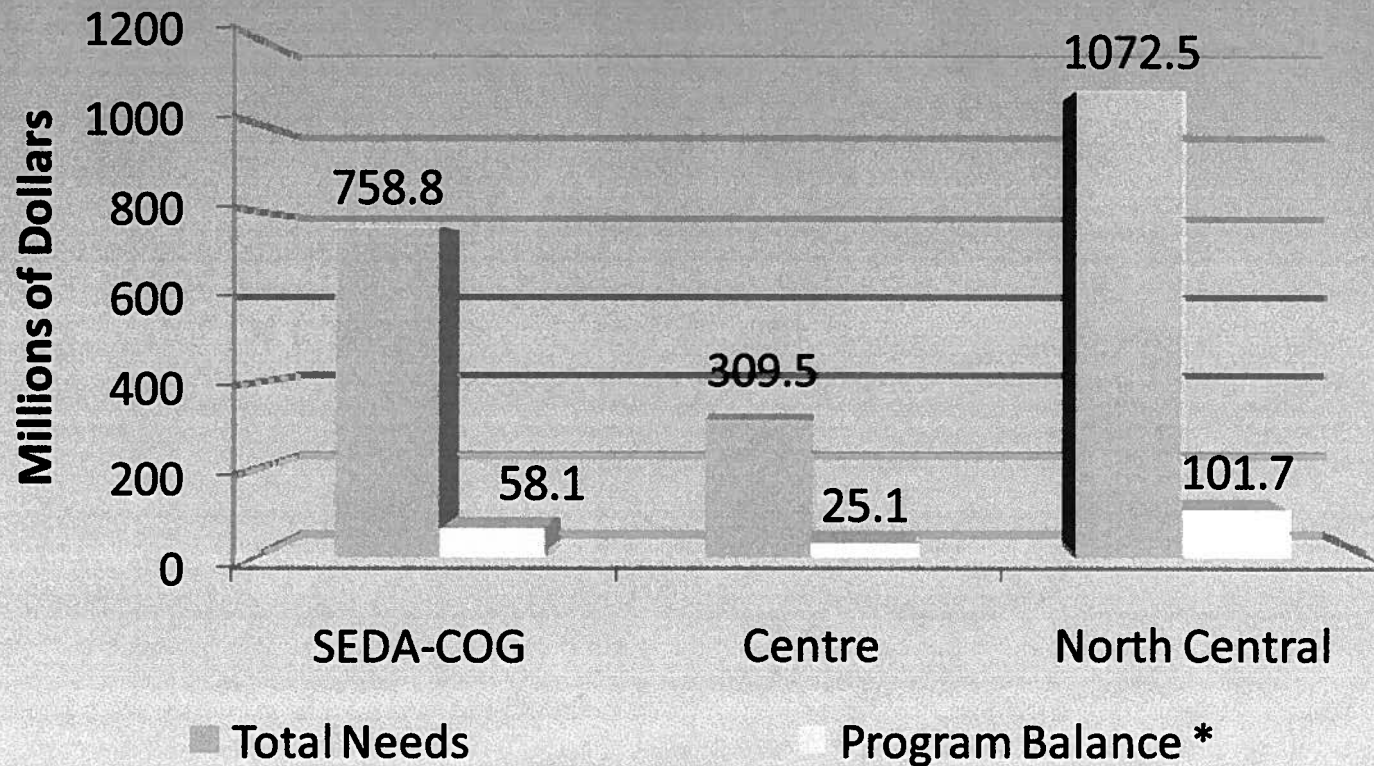
## Local Weight Restricted or Closed Bridges



\* Does not include any locally-owned bridges under 20' in length

# Unprogrammed Bridge Needs

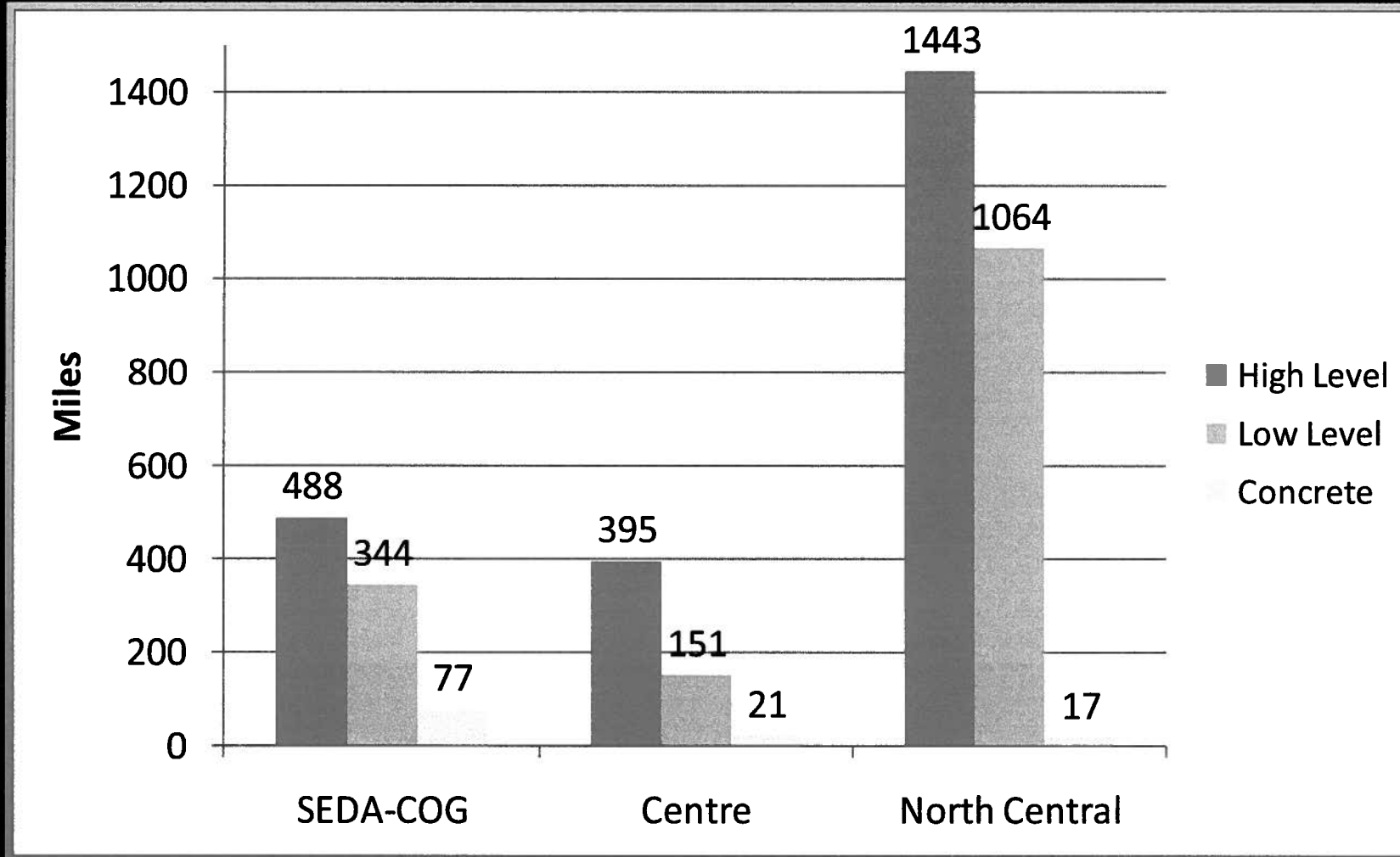
Beyond 2010



\* Amount needed to complete project phases already started on '09 TIP

# Pavement Networks

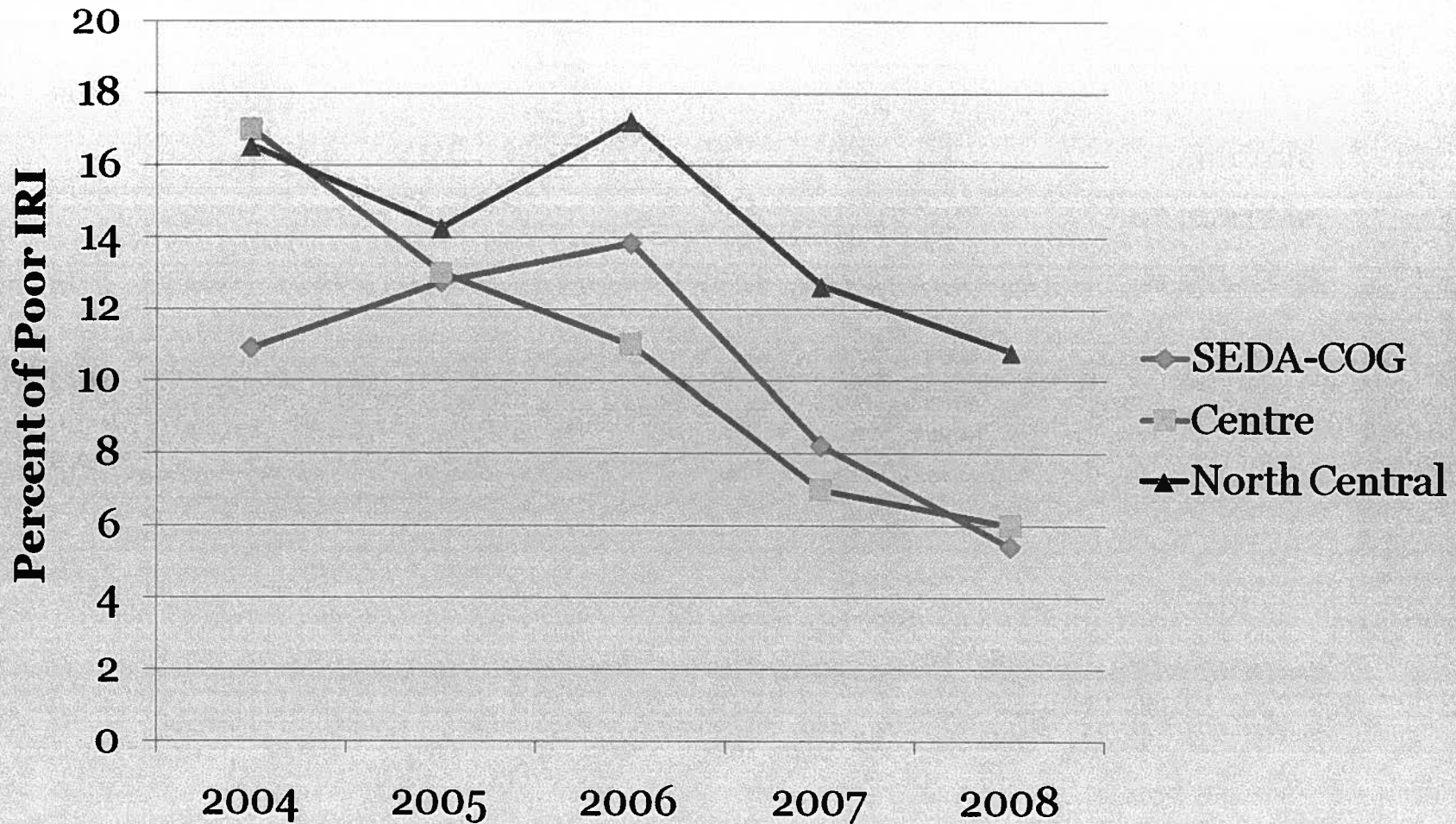
(Non-Interstate)



Does not include over 5,600 miles of local roads.

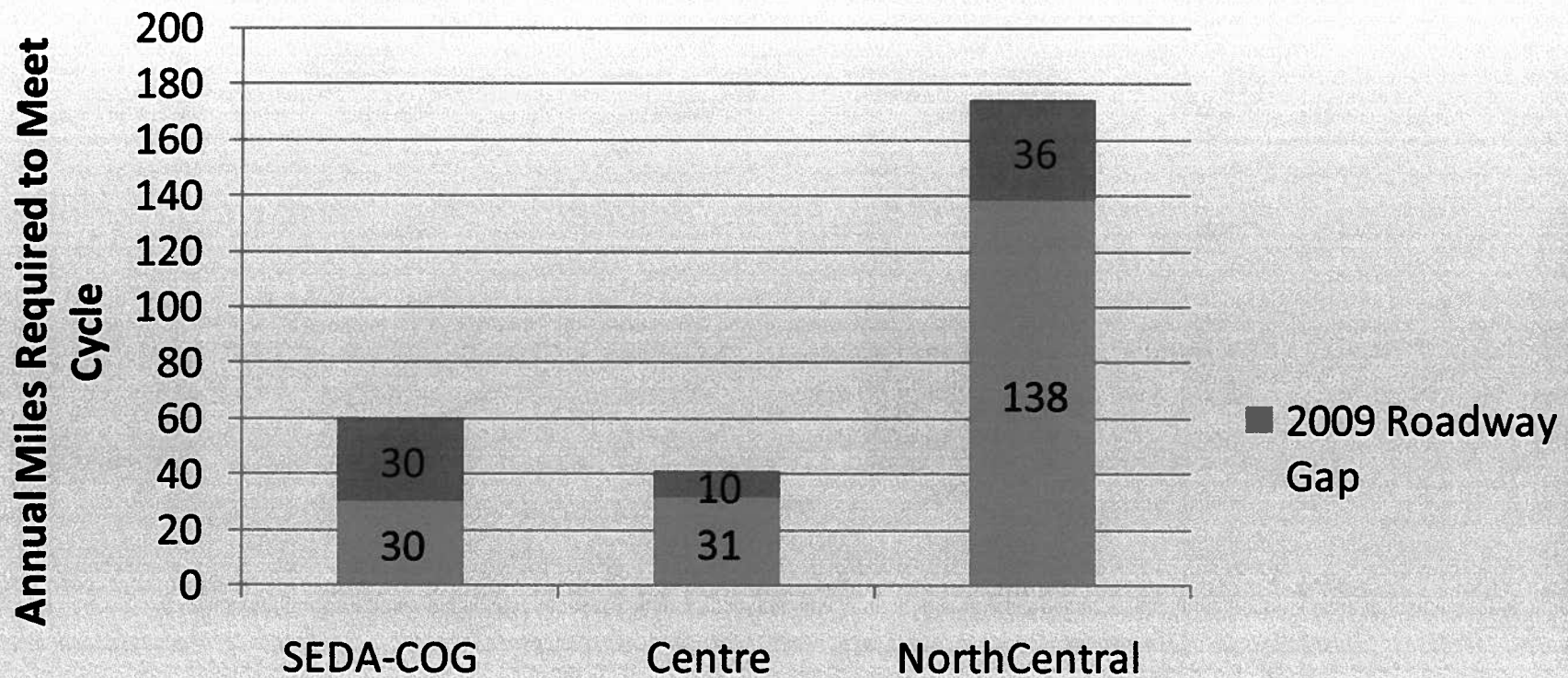
# Pavement Smoothness

Percent of Poor IRI miles



# Roadway Resurfacing Needs

(Non-Interstate)

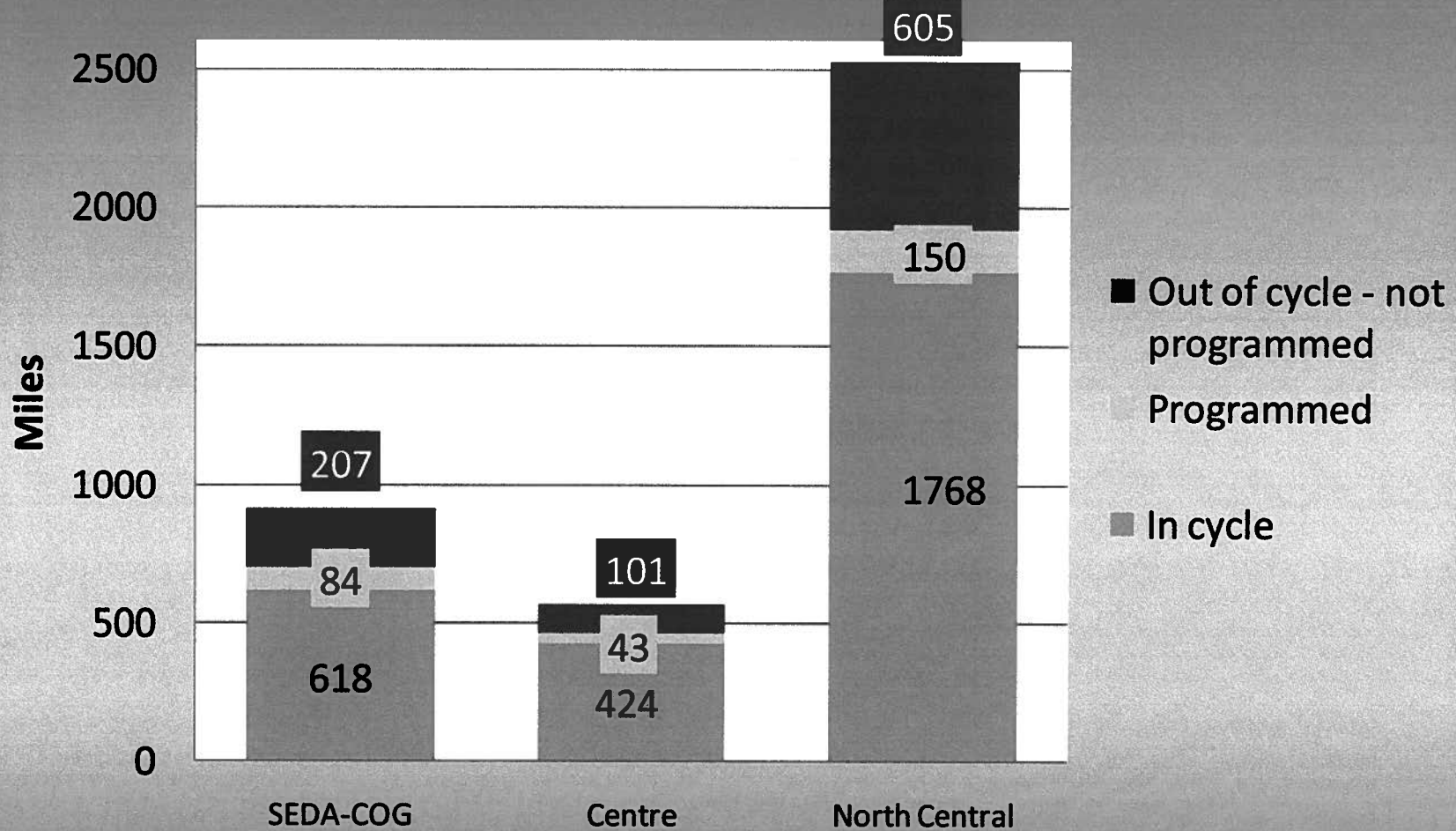


# Pavement Networks out of Cycle

As of 2010



## Non- Interstate Roadways

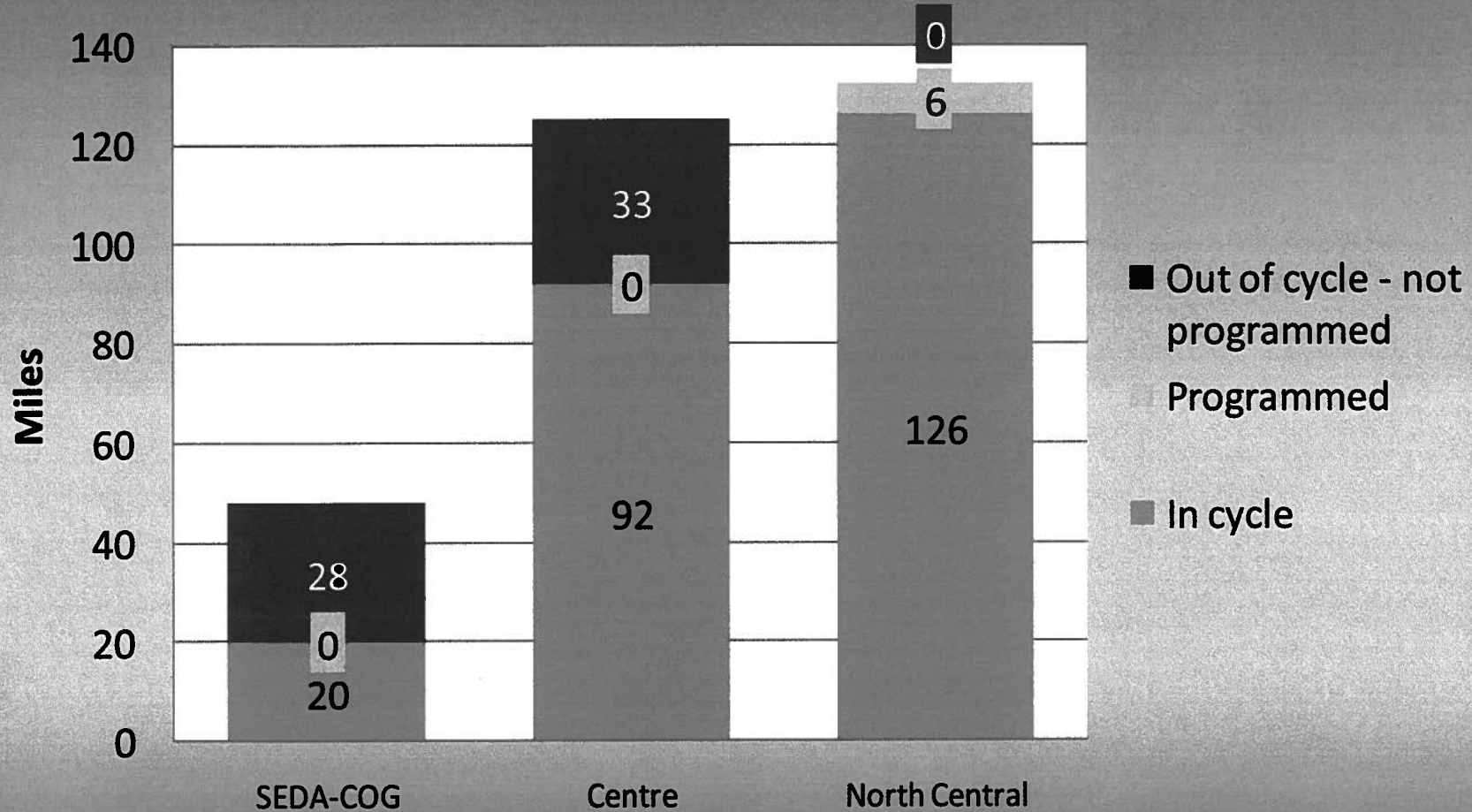


# Pavement Networks out of Cycle

As of 2010



## Interstate Roadways



# Transit – Fixed Route Operators



Fixed Route Operator	Service Area (Sq. Mi.)	Population of Area
Centre Area Transportation Authority (CATA)	133	83,444
Lower Anthracite Transportation System (LATS) [Mt. Carmel]	56	33,000
Area Transportation Authority (ATA) [North Central]	5,083	234,416
DuBois, Falls Creek, Sandy Township Joint Transportation Authority (DuFAST)	57	18,378



# Transit – Fleet Statistics



<b>REGION</b>	<b>Fixed Route</b>	<b>Avg. Fleet Age (years)</b>	<b>Para- transit</b>	<b>Avg. Fleet Age (years)</b>
<b>SEDA-COG</b>	3	2.5	161	4.7
<b>Centre County</b>	52	10.77	42	3.5
<b>North Central</b>	92	10.00	(Inc.)	(Inc.)
<b>TOTAL</b>	<b>147</b>	<b>-</b>	<b>203</b>	

# Transit – Ridership Trends

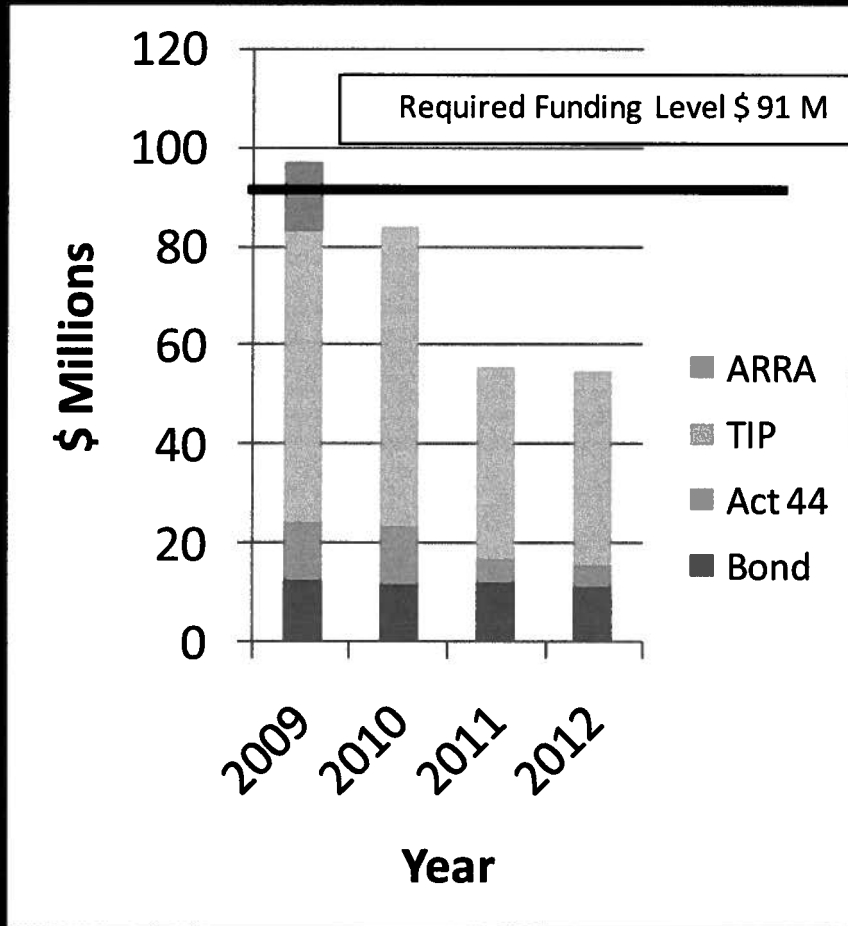


REGION	Ridership	Trends
<b>SEDA-COG</b>	532,000	↑
Centre County	6,637,000	↑
North Central	709,000	↑
<b>TOTAL</b>	<b>7,878,000</b>	↑

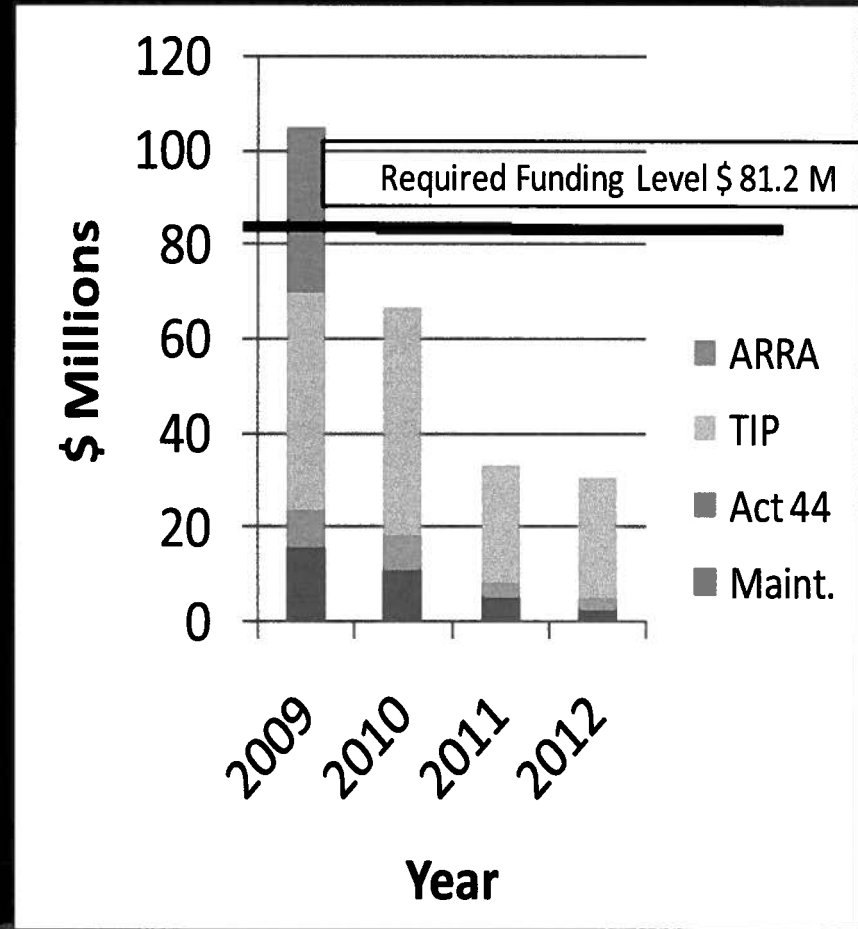
# Comparing the Known Gaps



Known SD Bridges



Highways



# Efforts to Close the Gaps

## Bridges

- Set aside TIP Line Item for bridge preservation
- Use of Bridge Risk Assessment Tool – proper treatment at proper time – i.e. bridge painting
- Bridge Priority 1's contract – to take care of the immediate needs
- Participating in Local Bridge Task Force
- Bond funding
- ARRA funding



# Efforts to Close the Gaps



## Highways

- Balancing Act 44 funding between highway and bridge
- ARRA funding
- Pavement Treatment Task Force
- More seal coat treatments
- Pavement recycling
- Warm mix asphalt

# Consequences

Total Value of Deferred Projects Identified by PennDOT:



<b>REGION</b>	<b>Transit Projects</b>	<b>Highway Projects</b>
SEDA-COG	\$2,500,000	\$36,022,250
Centre County	\$13,500,000	\$11,258,000
North Central	\$53,000,000	\$33,818,000
<b>TOTAL</b>	<b>\$69,000,000</b>	<b>\$81,098,250</b>

<http://www.dot7.state.pa.us/transportationfundingcrisis/>

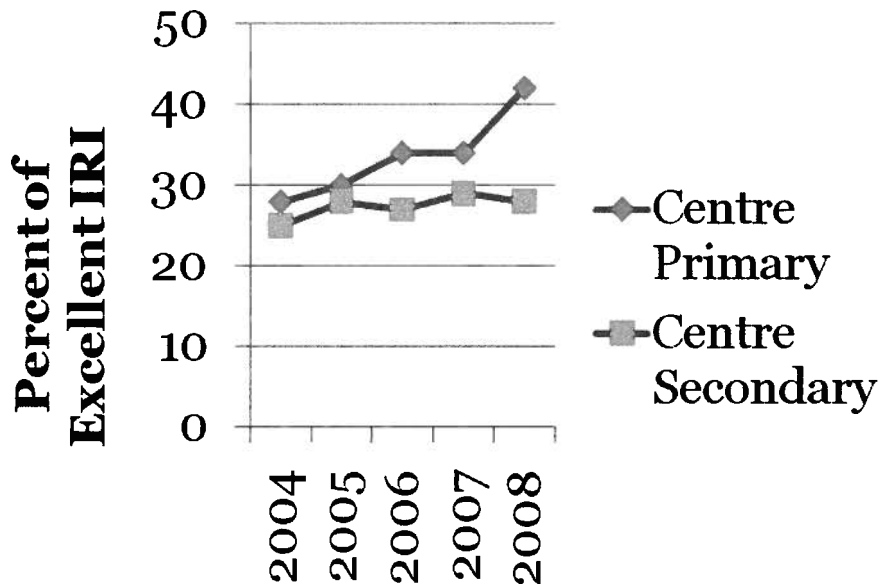
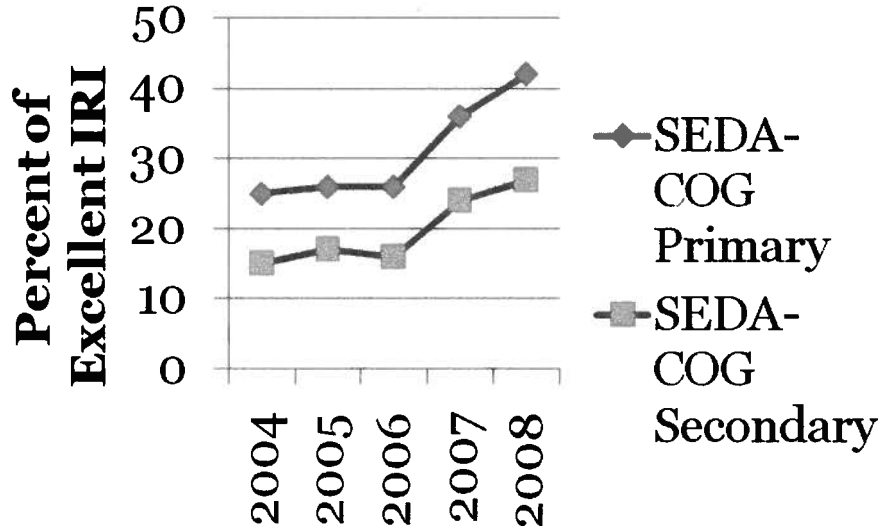
# Consequences

## Summary of Closings and Postings for Local Bridges



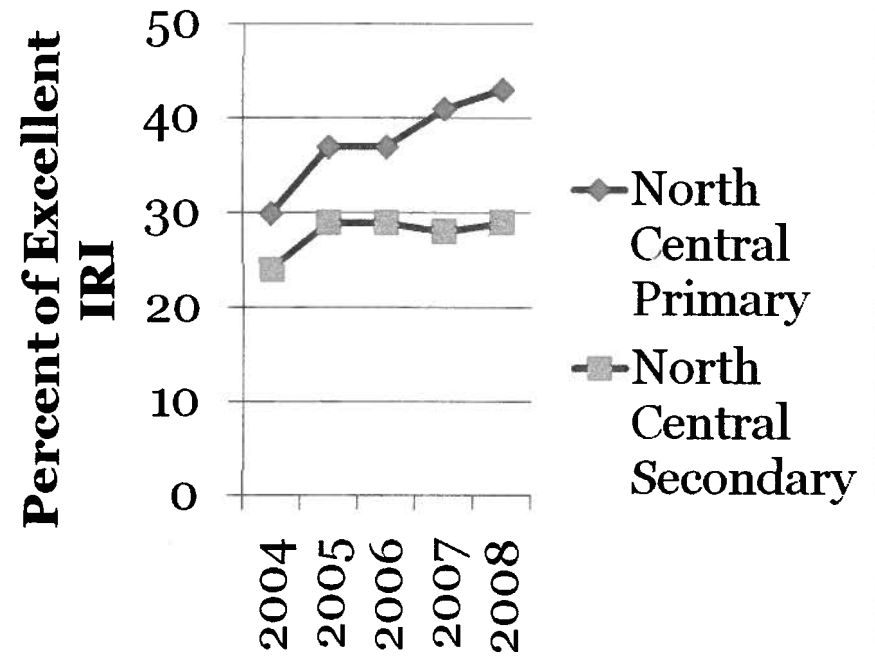
<b>REGION</b>	<b>Closed Bridges</b>	<b>Posted 3 Tons</b>	<b>Posted 4-6 Tons</b>
SEDA-COG	4	0	0
Centre County	1	0	2
North Central	19	17	13
<b>TOTAL</b>	<b>24</b>	<b>17</b>	<b>15</b>

# Consequences



## IRI by Functional Class

(Core Network Improving)





# Consequences



**New Problems are Looming**



# What could be accomplished...



First Things First...

