

HOUSE TRANSPORTATION & POLICY COMMITTEE HEARINGS

Transportation Funding

Jim Saylor: SEDA-COG RPO

Amy Kessler: North Central RPO

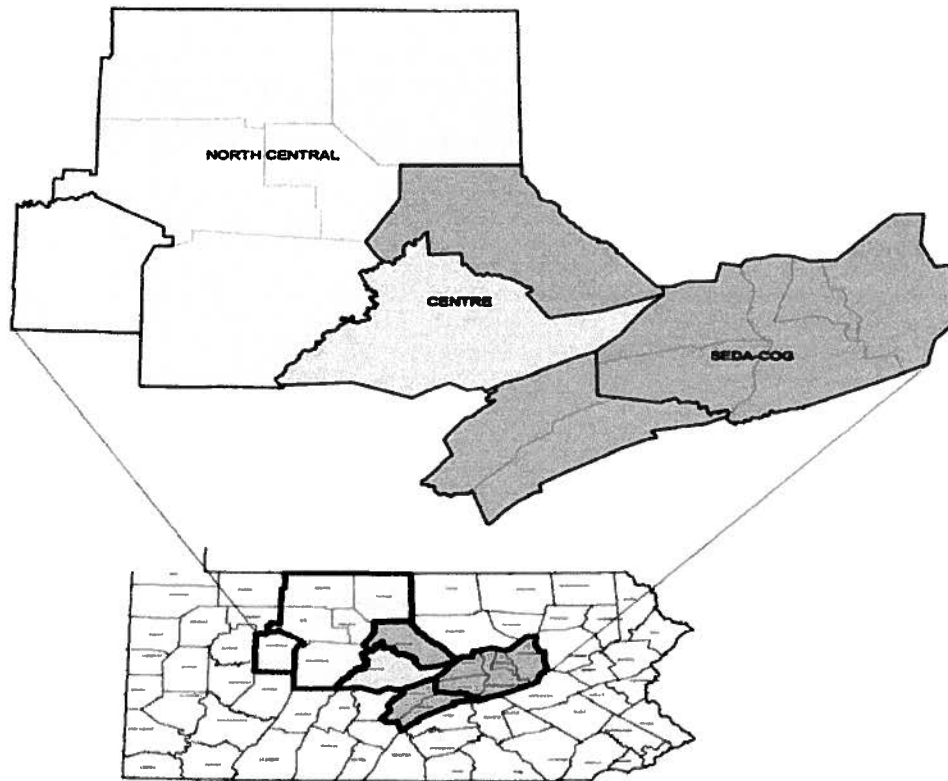
Tom Zilla: Centre County MPO



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?

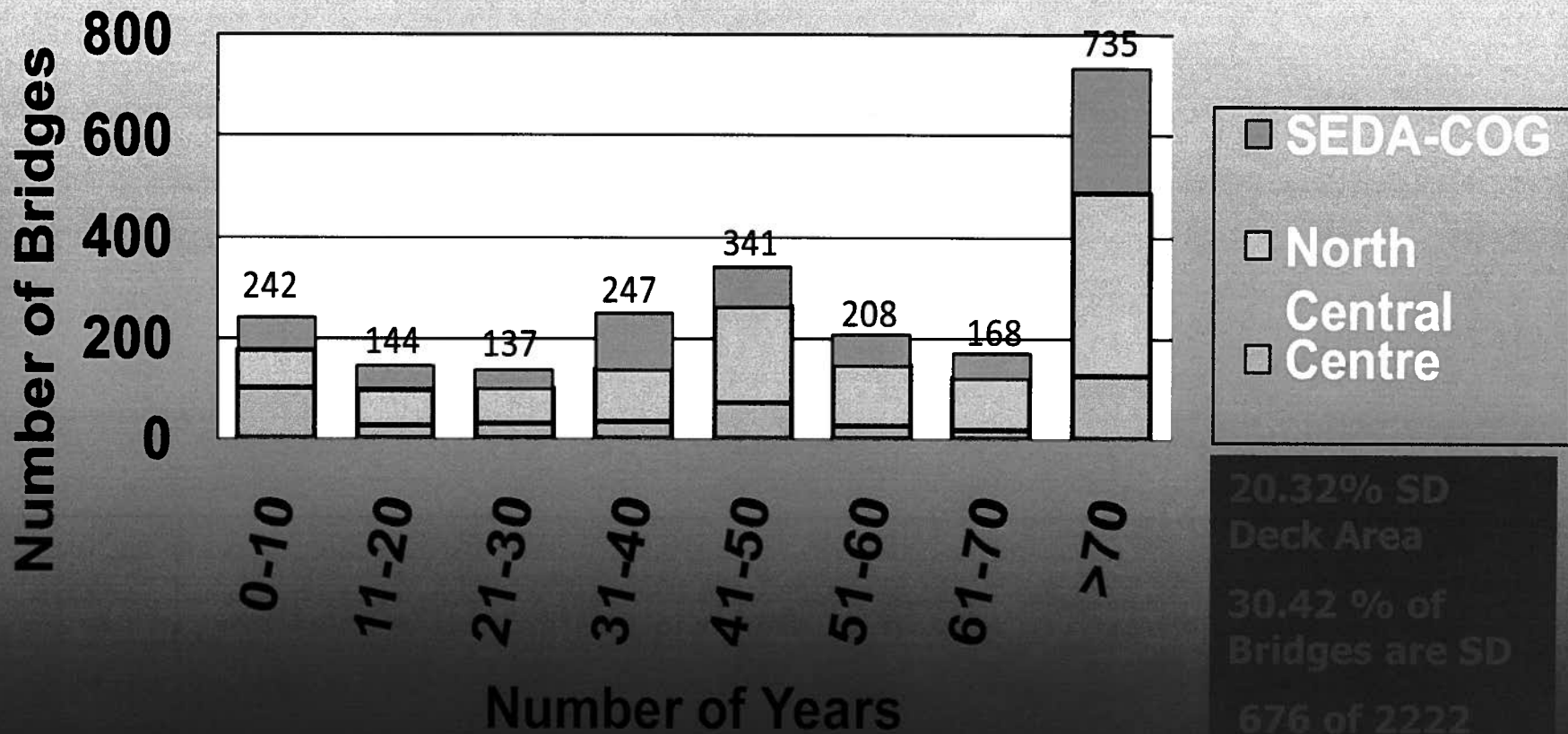
Is inaction acceptable?

What Funding is necessary?

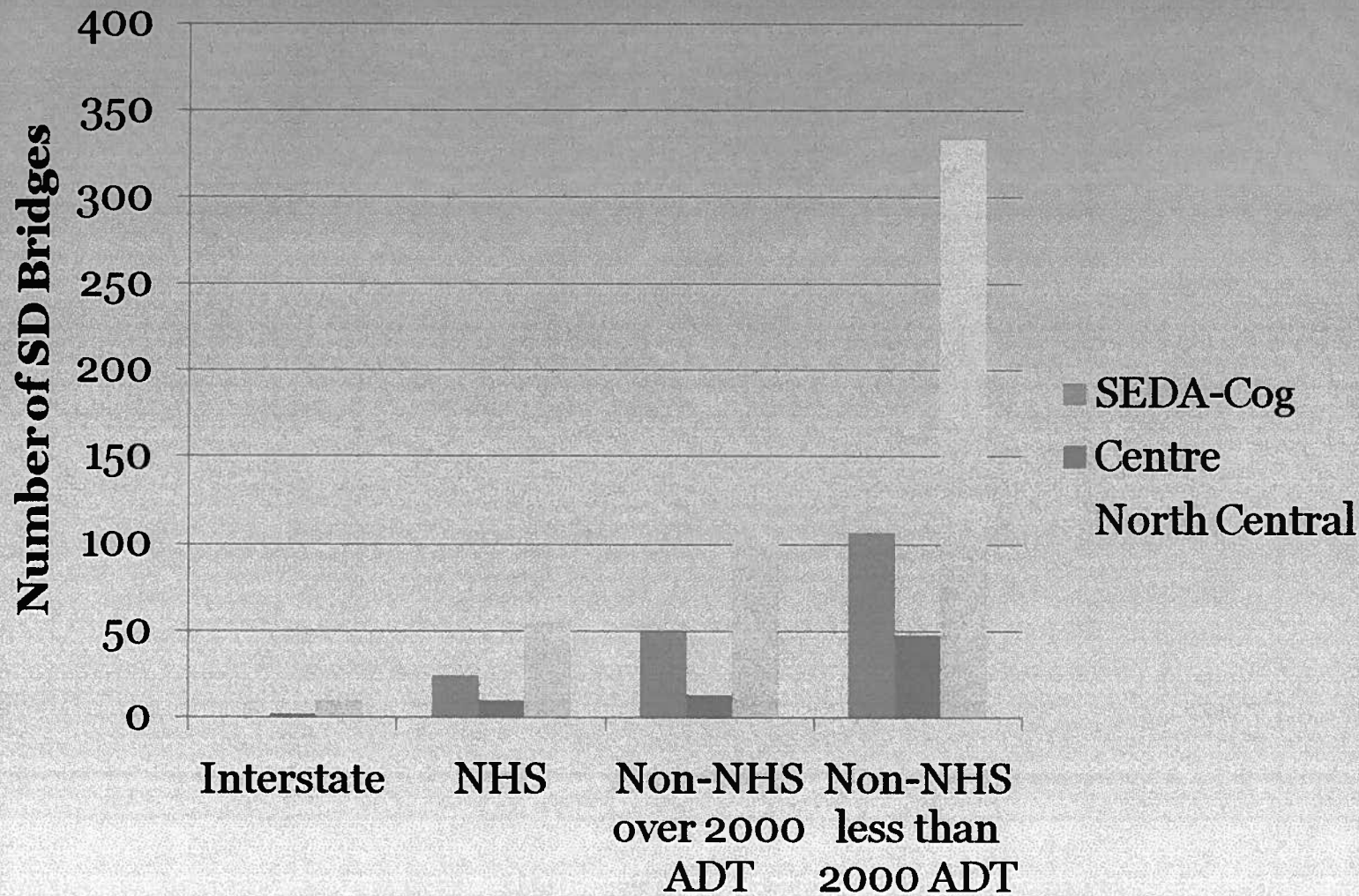
What could be accomplished with more funding?



Age of State Bridges



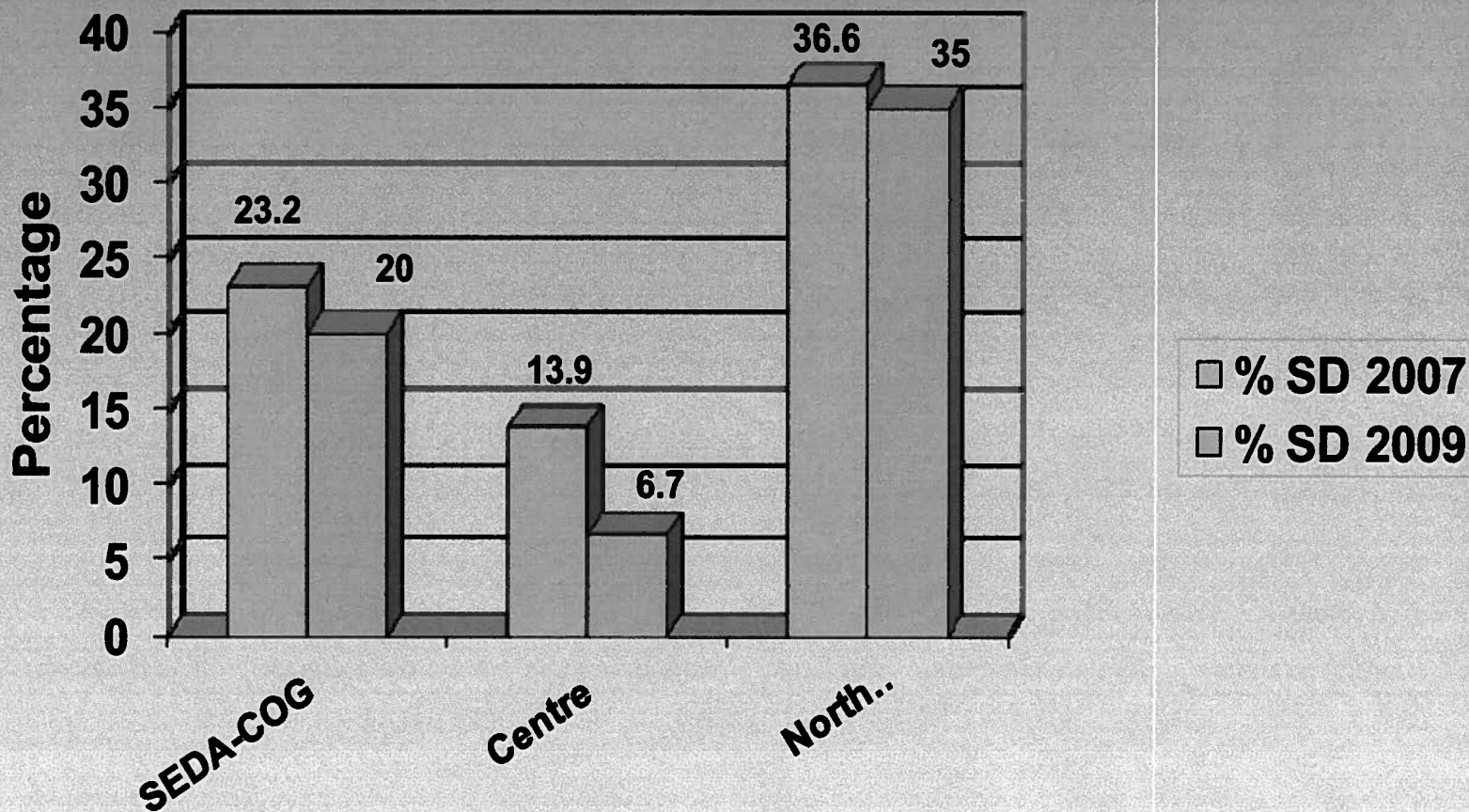
SD Bridges by System



Bridge SD Deck Percentages



State Bridges

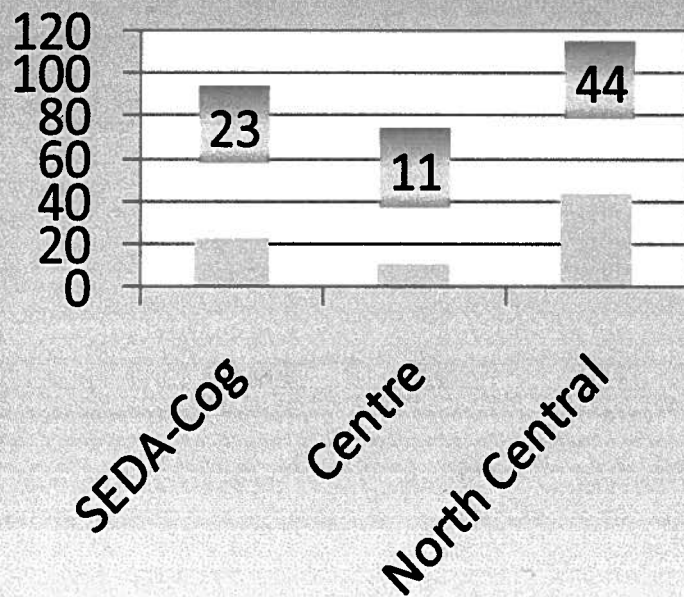


Bridge Condition

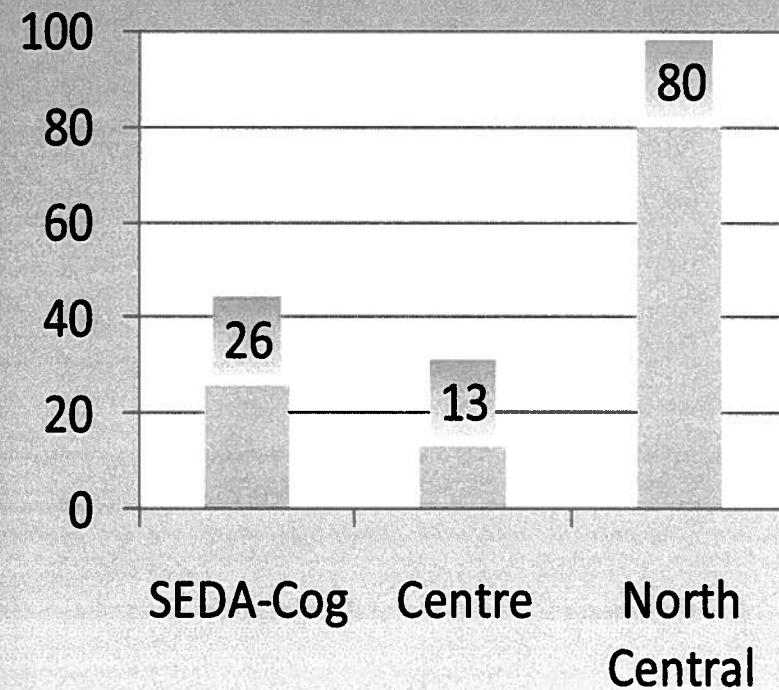
Weight Restricted or Closed Bridges



State Weight Restricted or Closed Bridges



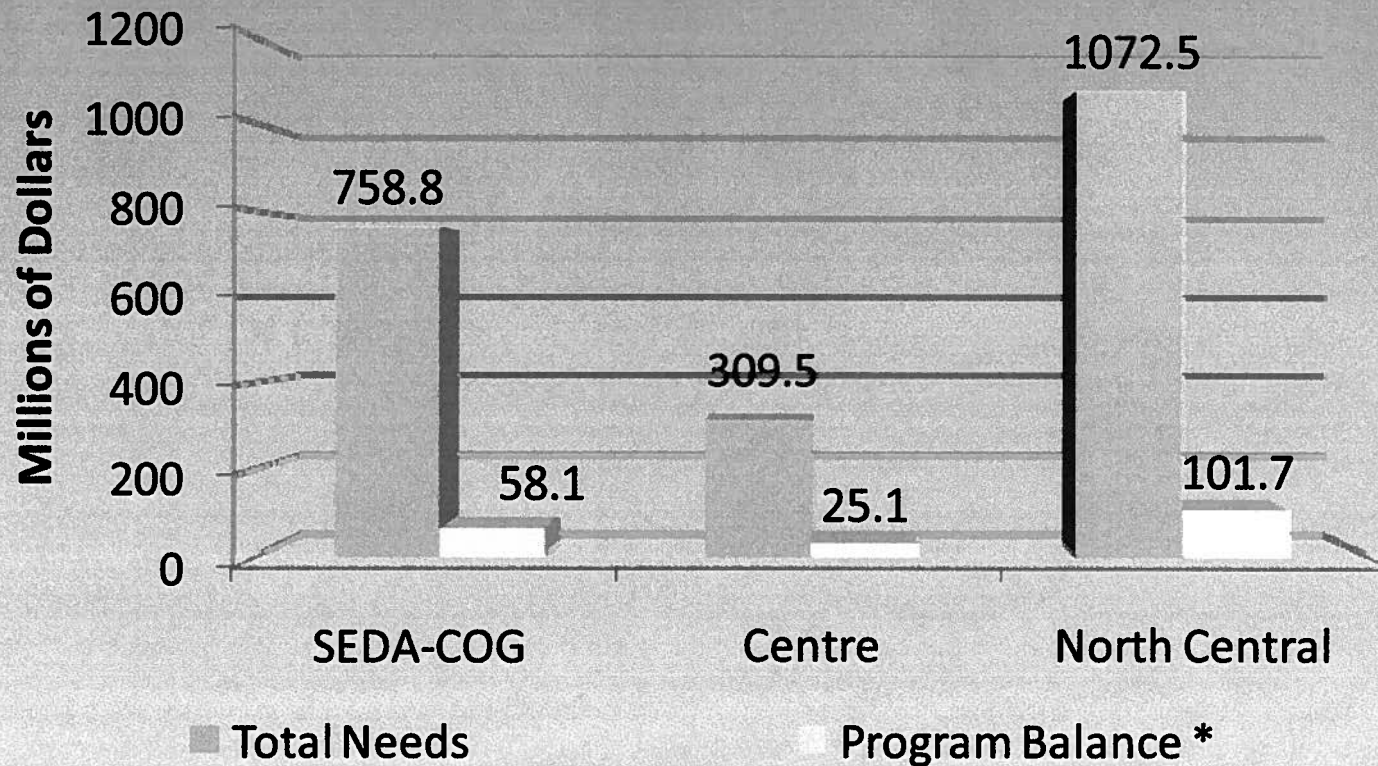
Local Weight Restricted or Closed Bridges



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

Unprogrammed Bridge Needs

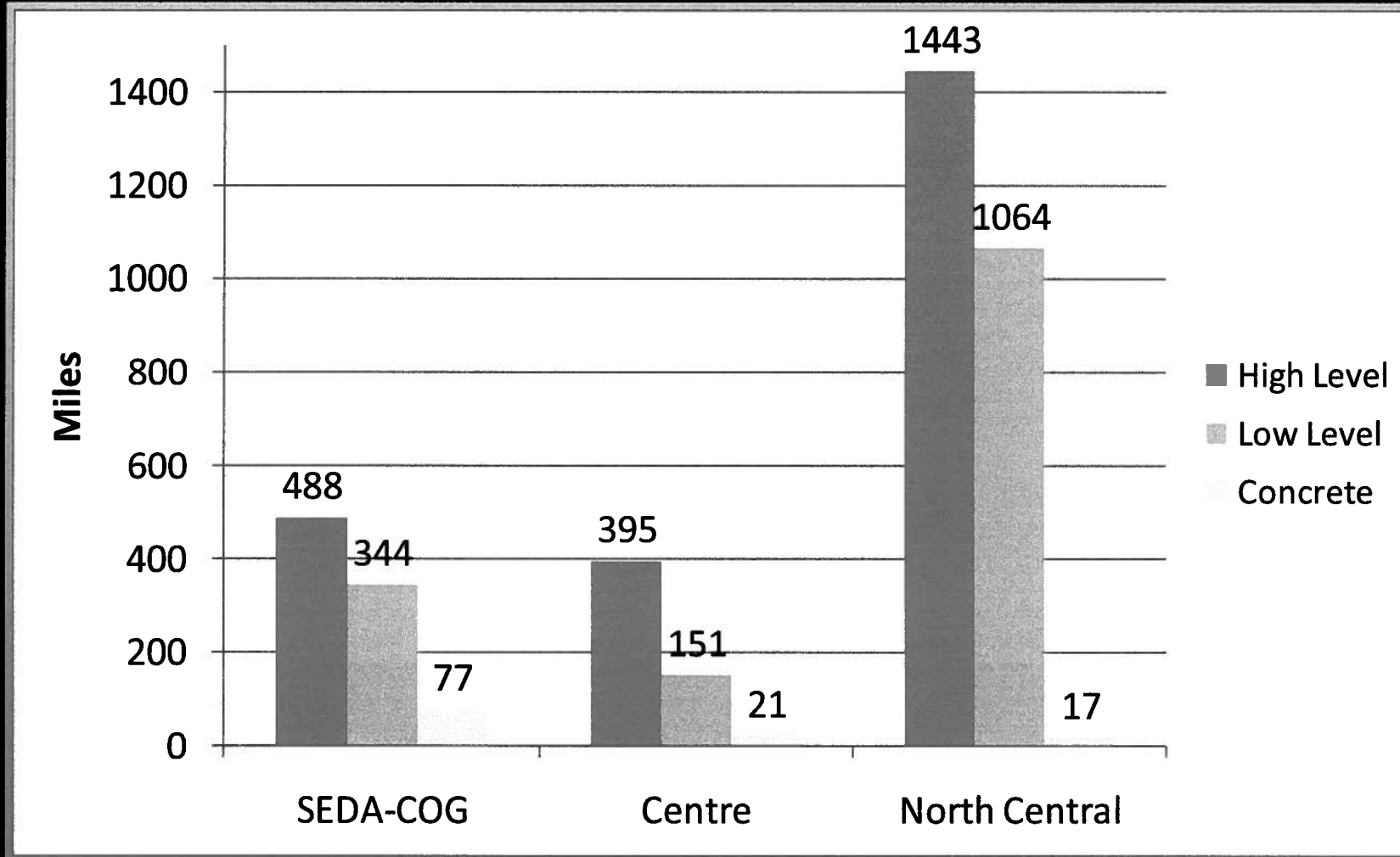
Beyond 2010



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

Pavement Networks

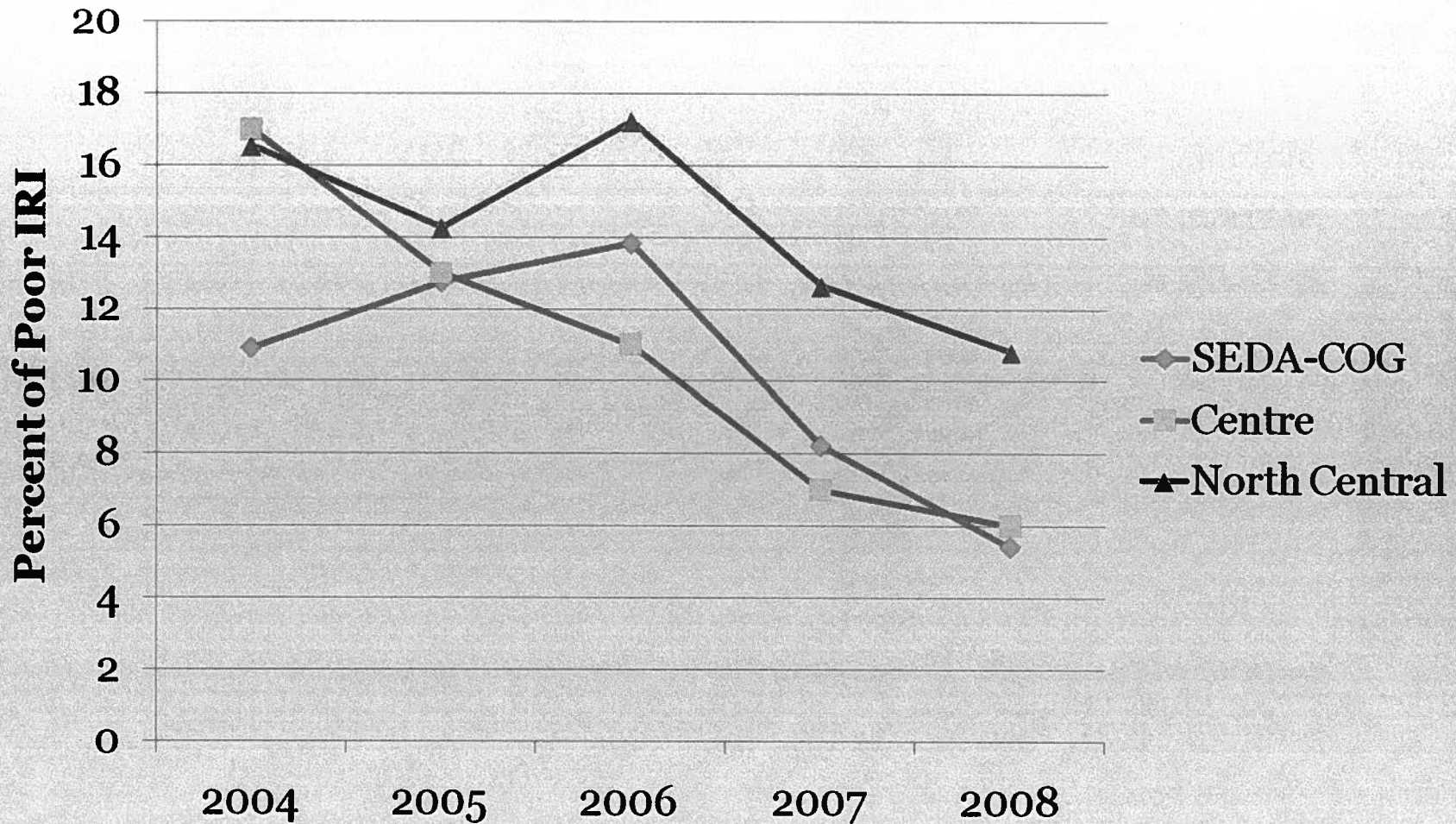
(Non-Interstate)



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

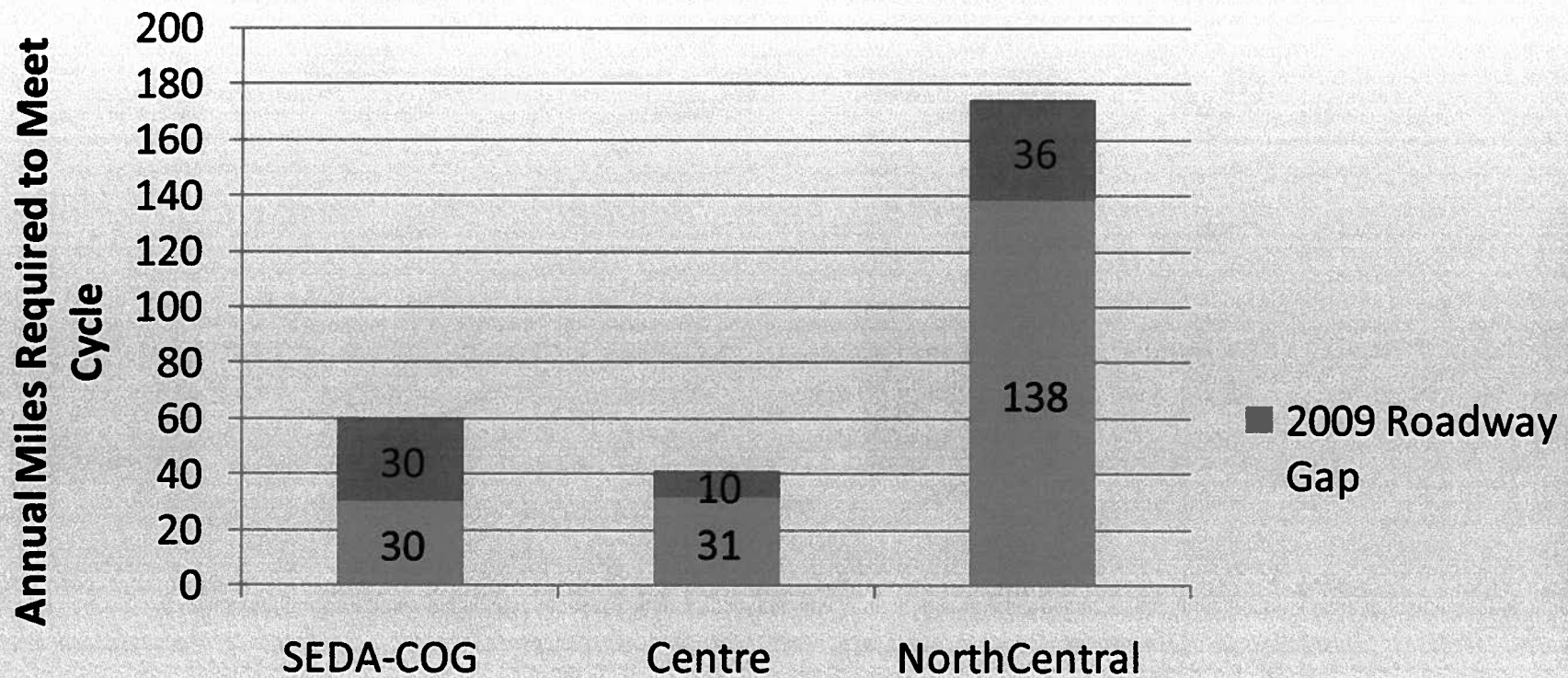
Pavement Smoothness

Percent of Poor IRI miles



Roadway Resurfacing Needs

(Non-Interstate)

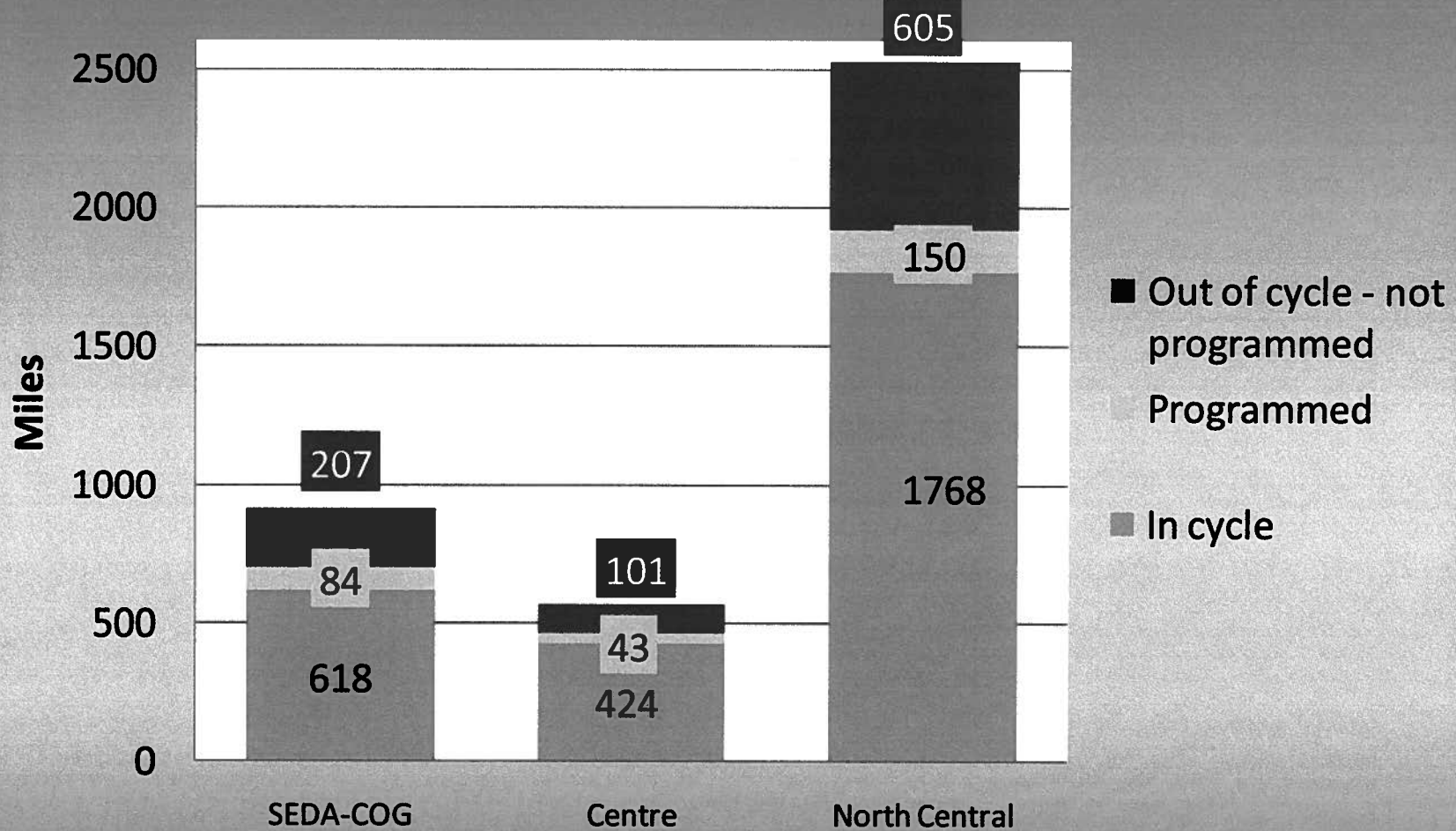


Pavement Networks out of Cycle

As of 2010



Non- Interstate Roadways

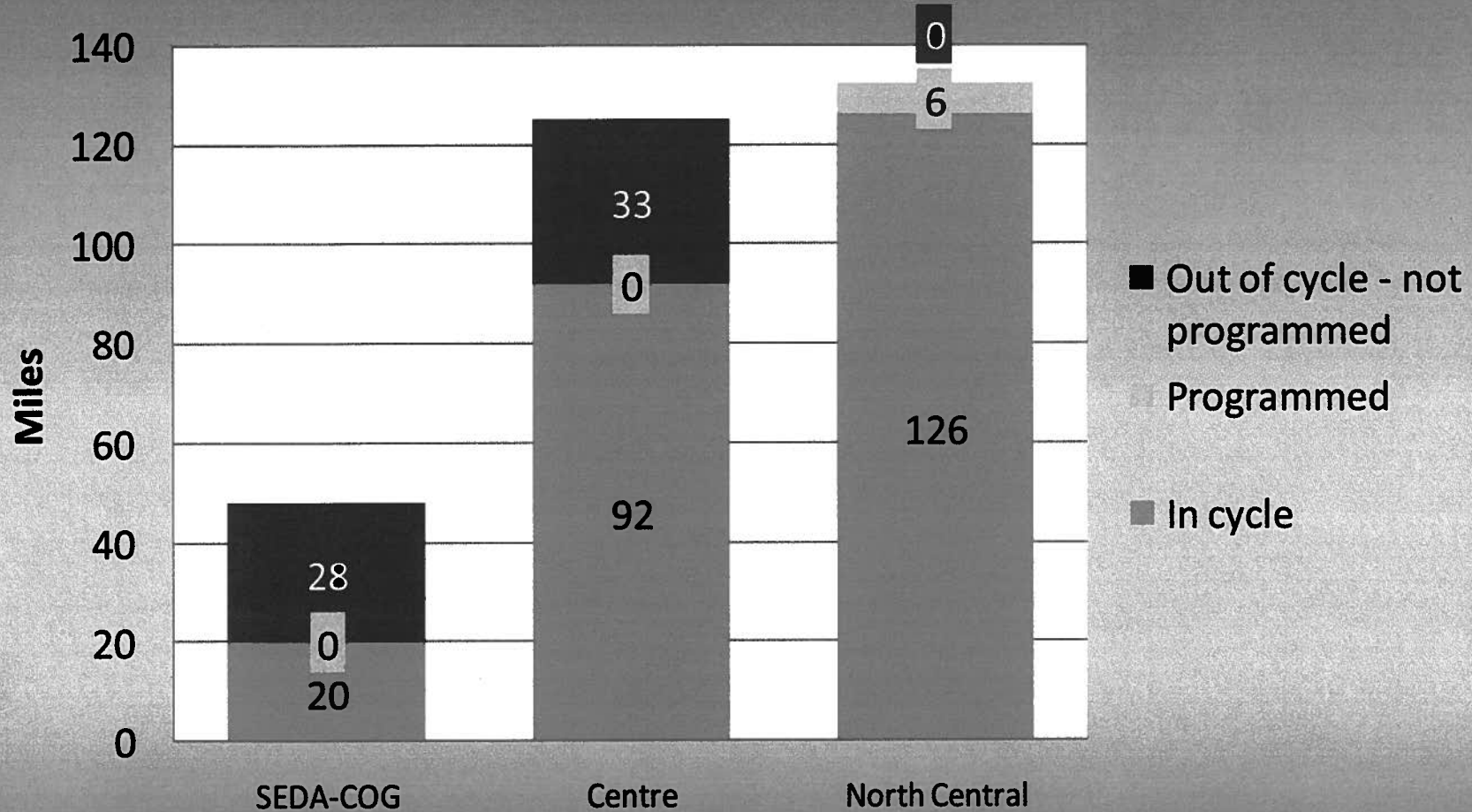


Pavement Networks out of Cycle

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



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

Transit – Ridership Trends

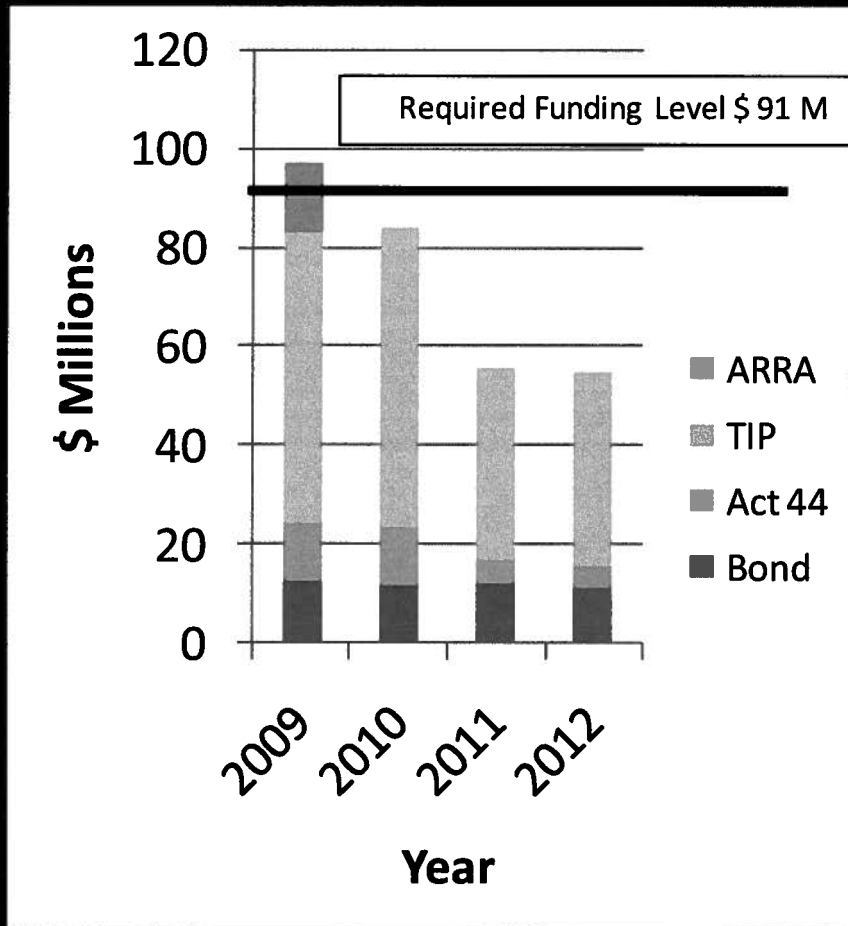


REGION	Ridership	Trends
SEDA-COG	532,000	↑
Centre County	6,637,000	↑
North Central	709,000	↑
TOTAL	7,878,000	↑

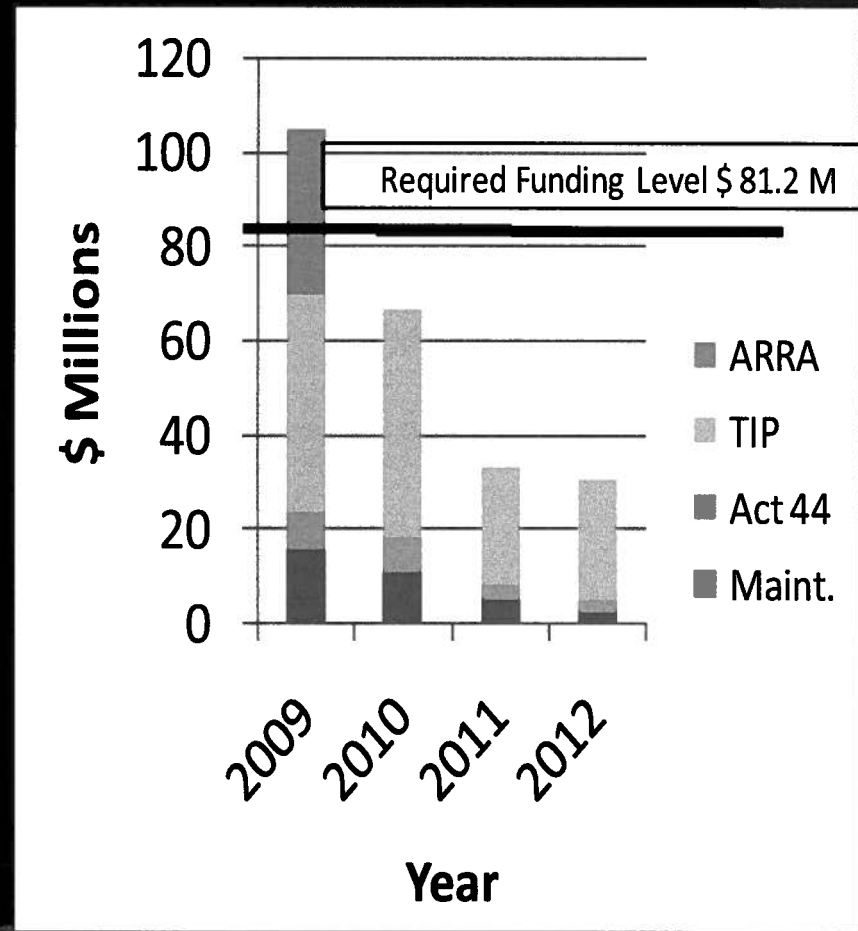
Comparing the Known Gaps



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:



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

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

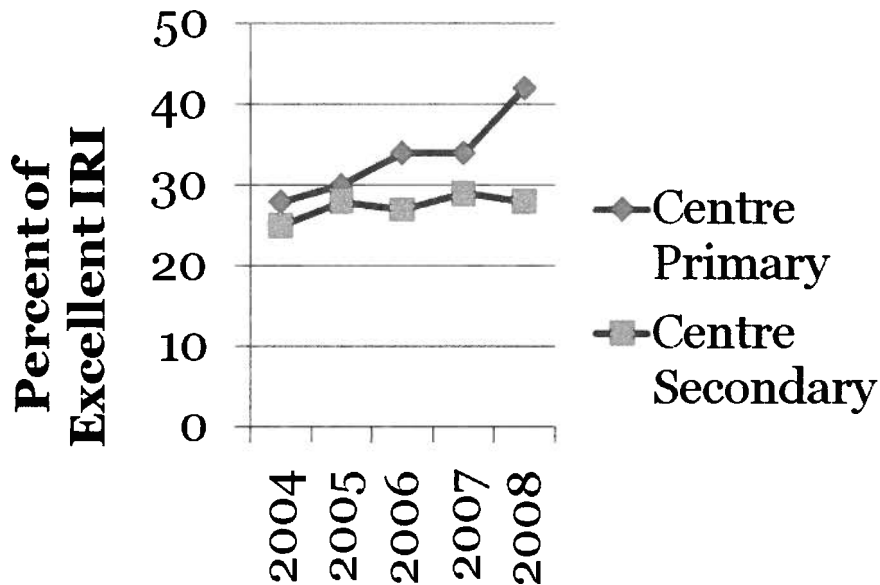
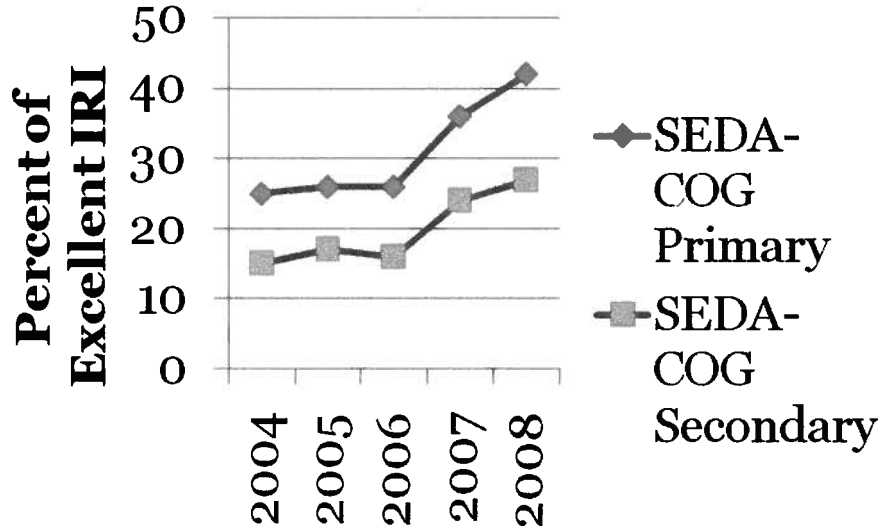
Consequences

Summary of Closings and Postings for Local Bridges



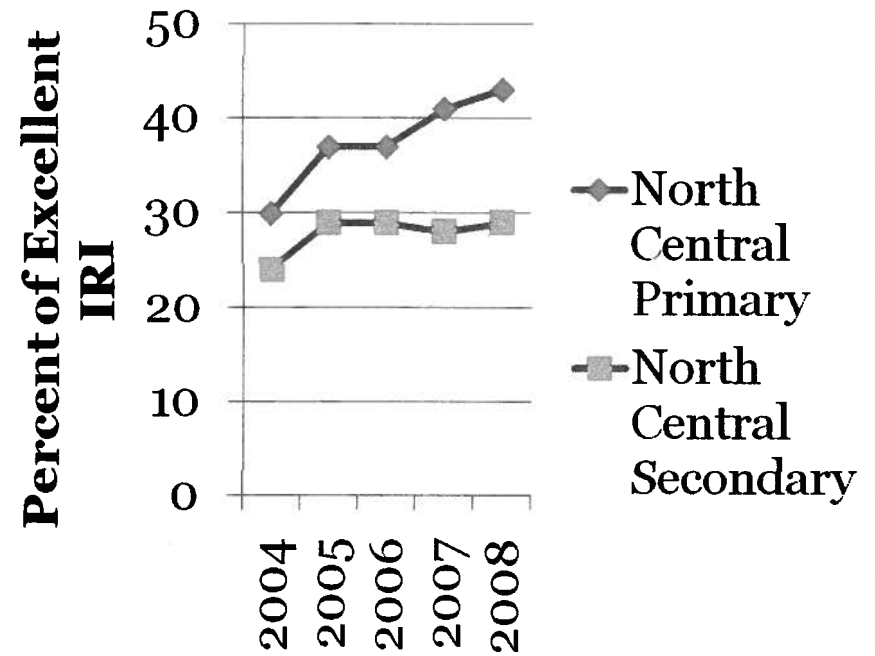
REGION	Closed Bridges	Posted 3 Tons	Posted 4-6 Tons
SEDA-COG	4	0	0
Centre County	1	0	2
North Central	19	17	13
TOTAL	24	17	15

Consequences



IRI by Functional Class

(Core Network Improving)



Consequences



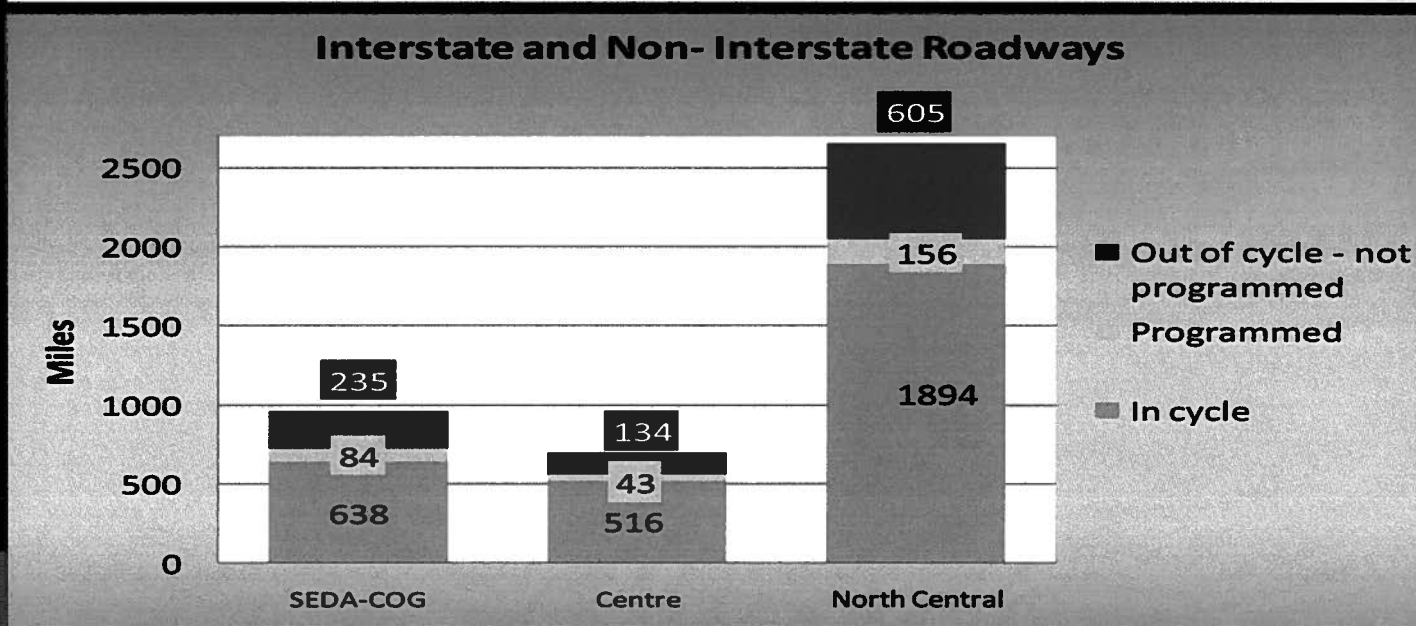
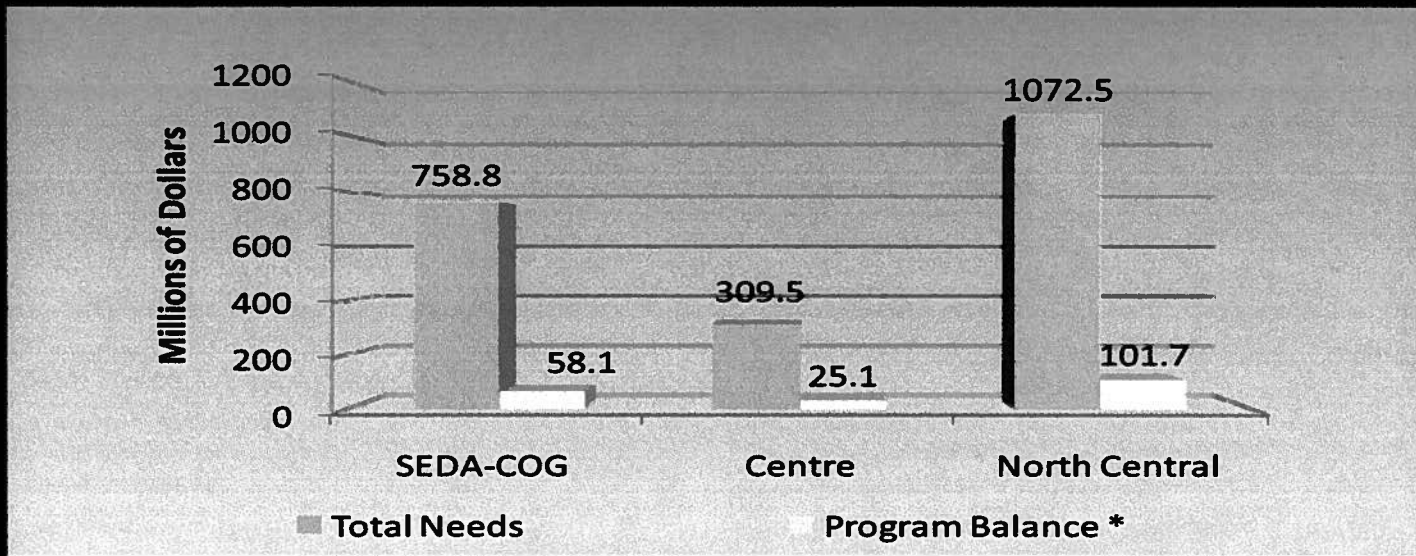
New Problems are Looming



What could be accomplished...



First Things First...



TIP