



# Economic Benefits of Transportation Investment

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## Transportation Investment - Economic Benefits

- Immediate Economic Benefits
  - Construction Activity
  - Consumer Demand
- Long Run Benefits
  - Reduced congestion
  - Businesses logistics



## Economic Benefits of Transportation Construction

- Supports nearly 4 million U.S. jobs
- \$508 billion in economic activity
- \$156 billion in wages
- Contributing \$28.4 billion in tax revenue

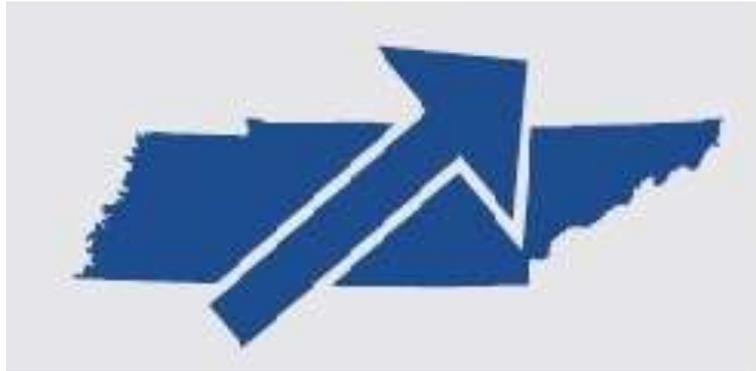


What are tangible benefits  
for Tennessee drivers and businesses  
if the state increased  
highway and bridge investment?





An increase of \$460 million highway & bridge investment would...



Generate an additional \$1.17 billion in total economic output



**An increase of \$460 million highway & bridge investment would...**



**Increase  
Tennessee GDP  
by \$600.4 million**



**An increase of \$460 million highway & bridge investment would...**



**Support or  
create 10,282  
Tennessee jobs**



**An increase of \$460 million highway & bridge investment would...**



**Increase  
earnings by  
\$348.5 million**



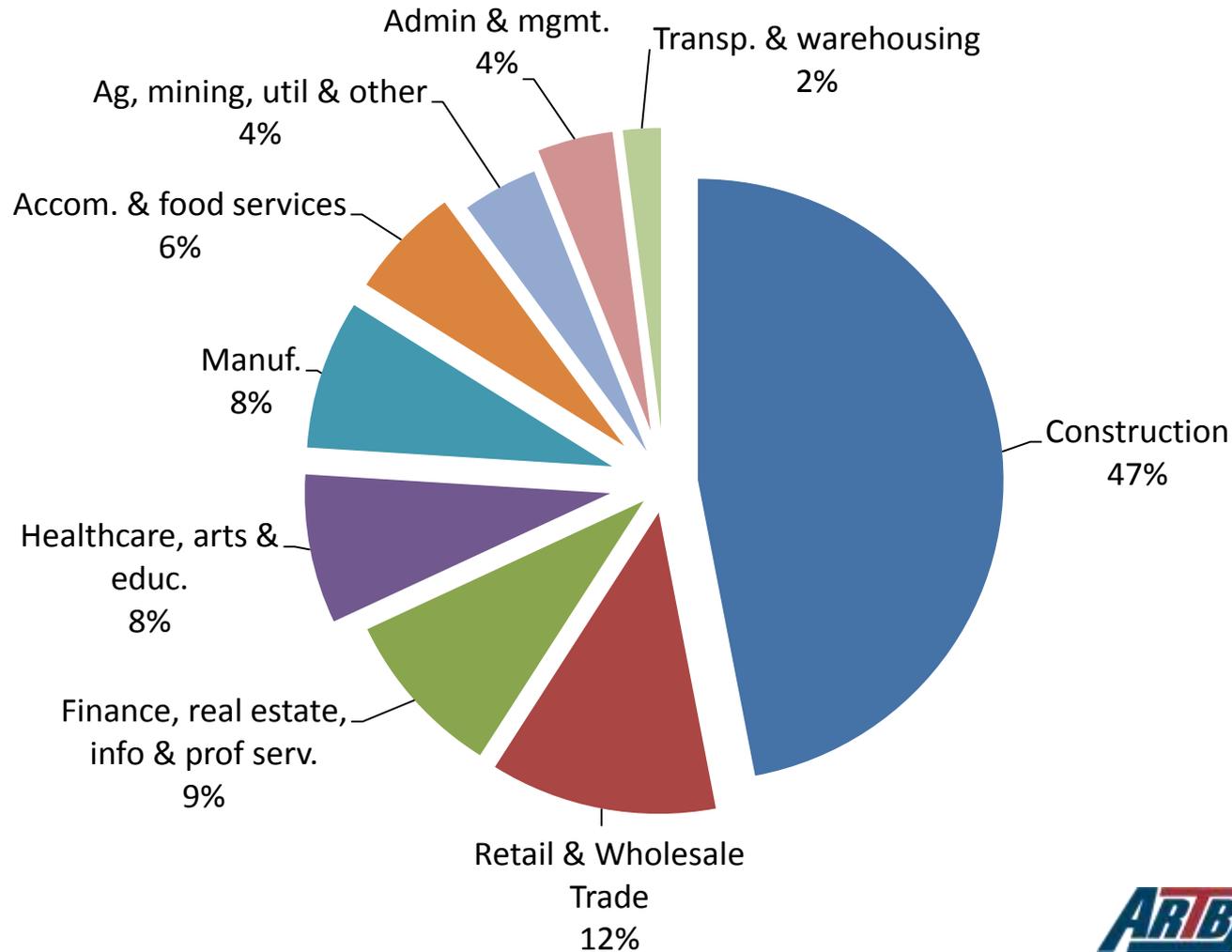
**An increase of \$460 million highway & bridge investment would...**



**Generate  
\$235.5 million  
in state tax  
revenue**



# Tennessee Jobs Supported by Increased Highway and Bridge Construction Investment- by Sector



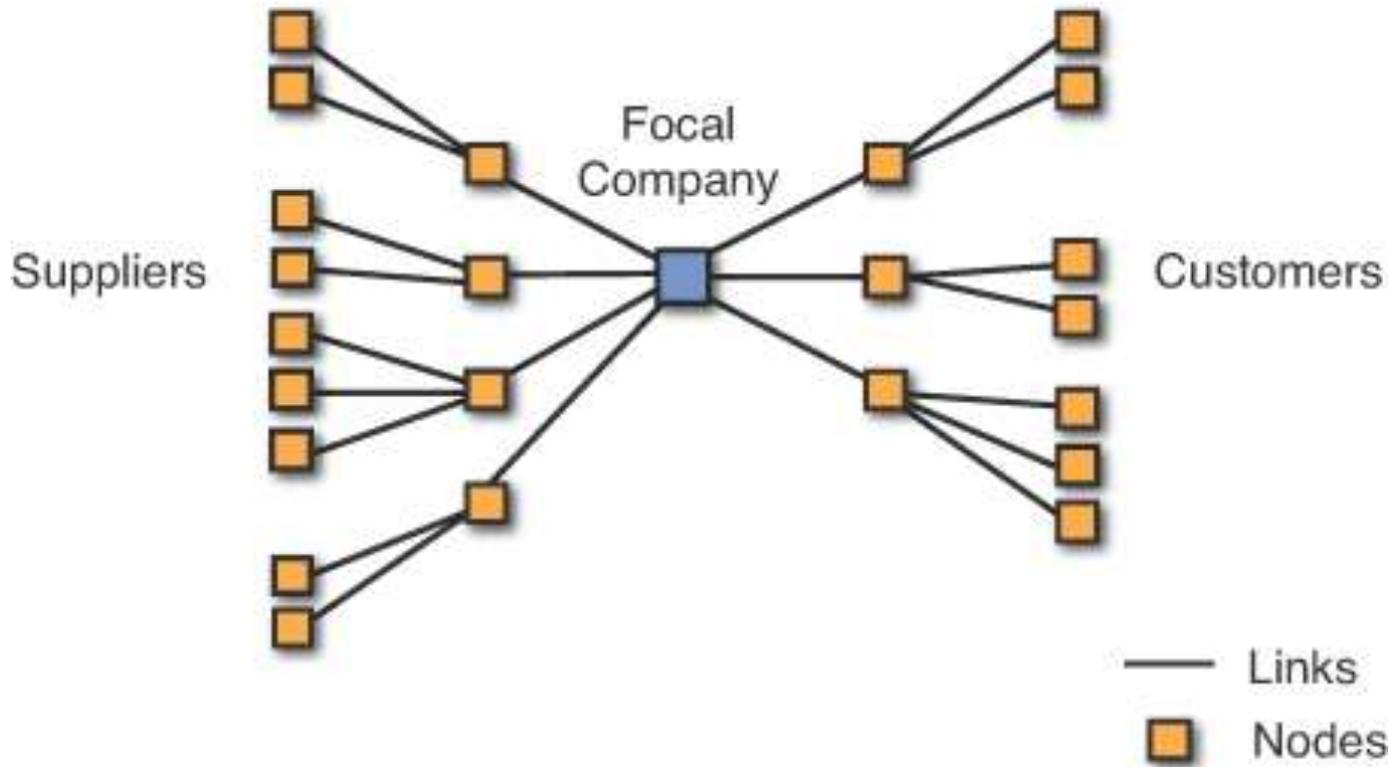


## Longer run benefits of highway & bridge investment ...

- Benefits for Tennessee businesses:
  - Greater access to labor and employees
  - Increases market reach and base of customers
  - Reduces operating and production costs
  - Creates more efficient operations
  - Agglomeration economies



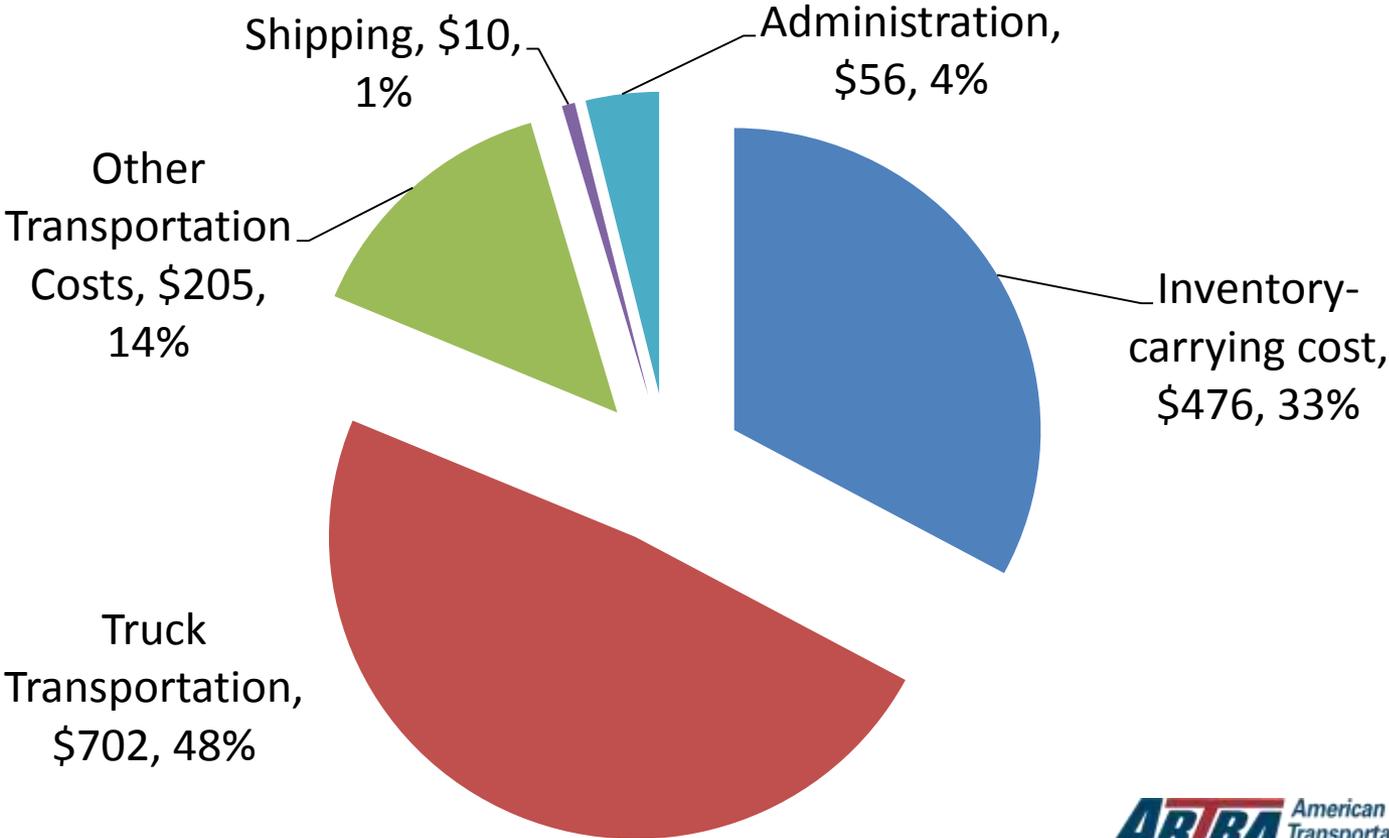
# Increased access to suppliers and customers for Tennessee businesses ...





# U.S. businesses spent \$1.5 trillion on logistics costs ...

## U.S. Logistics Costs 2014, in billions



Source: *The 26<sup>th</sup> Annual State of Logistics Report*, CSCMP 2015



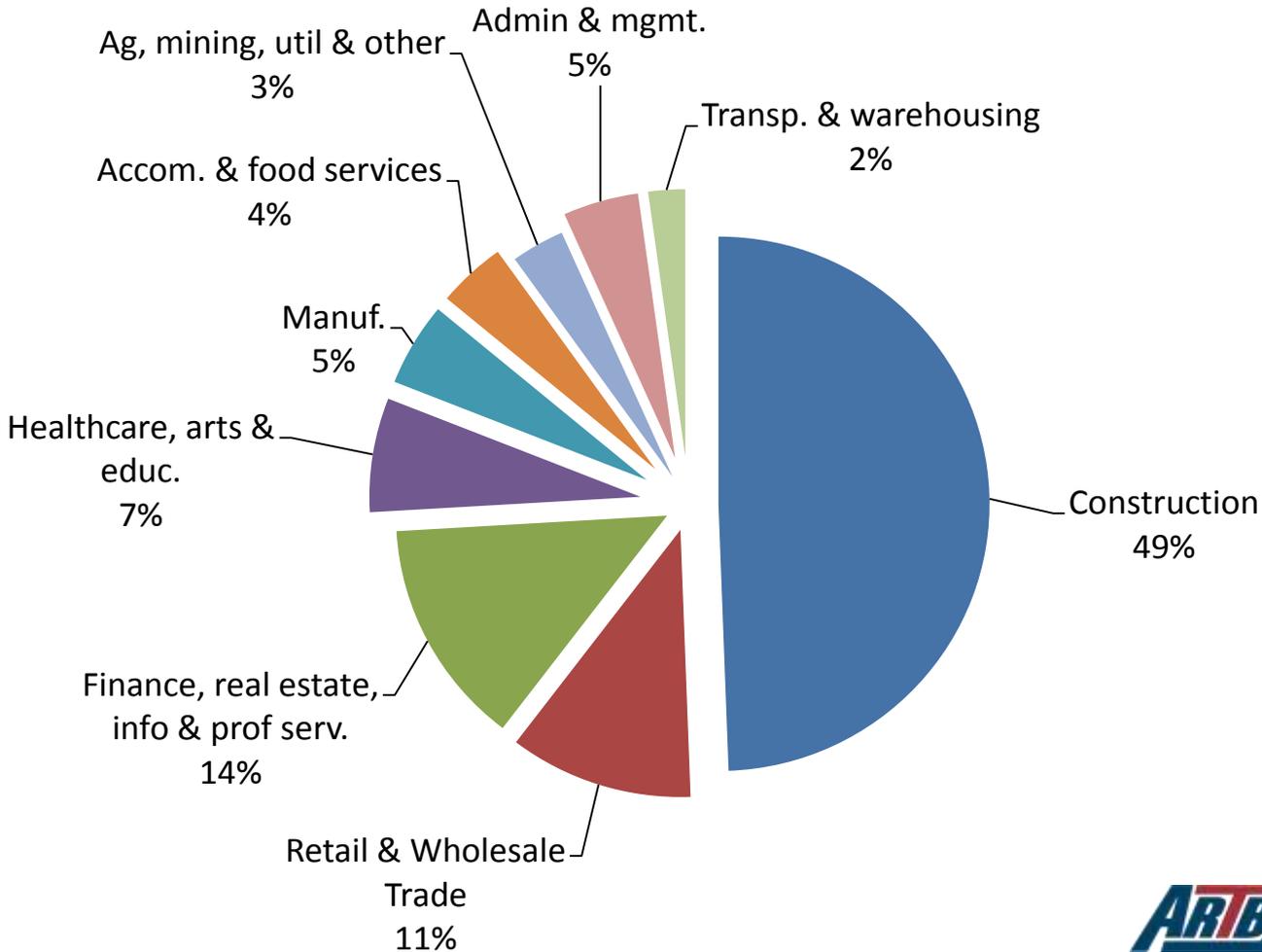
# Nashville MPO- Regional Impact

Economic impacts of a \$119.4 million annual increase in highway & bridge capital investment:

- Increase economic output by \$272.5 million
- Support or create 2,263 jobs across all sectors of the economy
- Those workers would earn \$88.1 million in wages
- \$64.6 million in tax revenue



# Nashville MPO Jobs Supported by Increased Highway and Bridge Construction Investment





# Increased investment will save lives

- In 2013, there were 17 highway fatalities in Williamson County.
- Motor vehicle crashes are the number one cause of death and permanently disabling injuries for young Americans under 21.



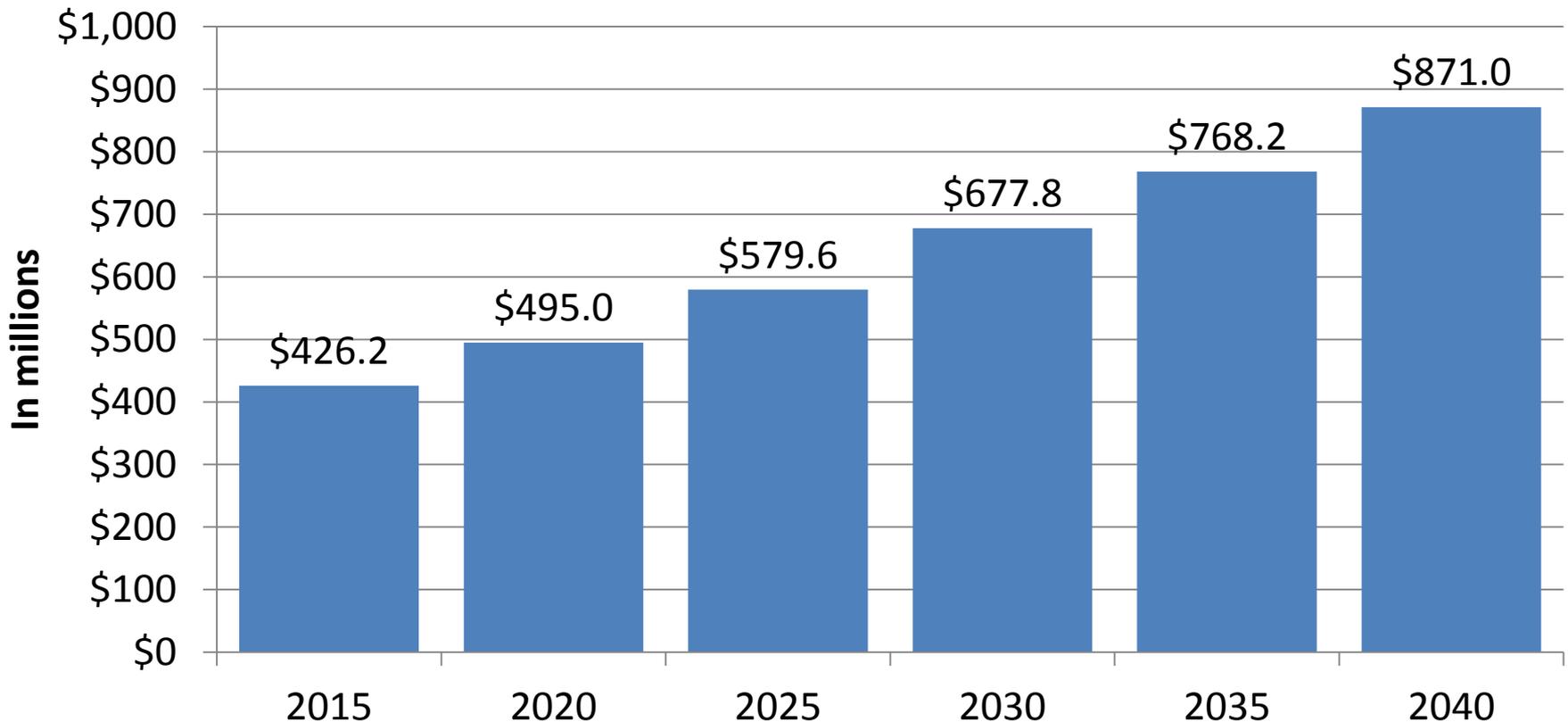
## Future demands on the Tennessee & Williamson County transportation network ...

- Road and bridge conditions
- Over \$9.6 billion in bridge work identified by Tennessee DOT
- 17 transit agencies with 73 rail miles & 2,836 miles of bus routes



# Will Tennessee be ready?

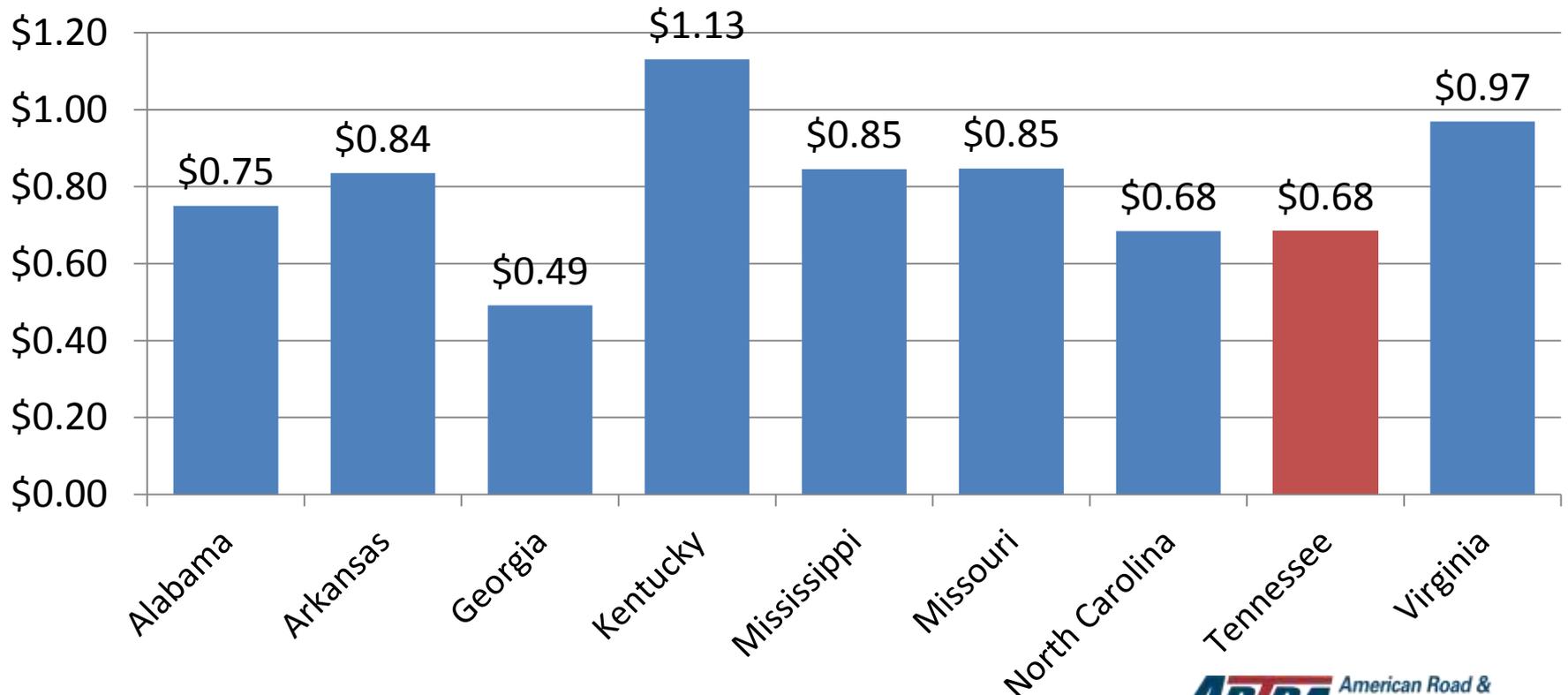
The value of Tennessee truck shipments





# How much are residents paying today?

Per capita daily state/federal highway user  
& other related fees



Source: ARTBA analysis of FHWA Highway Statistics data, includes state and federal highway gasoline and user fees/registrations, plus other state taxes/fees.



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