

**Mary Craighead, AICP**

# **Illinois' Transportation Needs**

A Higher Road for a Better Tomorrow

ILLINOIS ECONOMIC POLICY INSTITUTE

**ILEPI**

# About ILEPI

*The Illinois Economic Policy Institute is a nonprofit research organization out of La Grange, IL*



## RELEASED OVER 170 REPORTS

*Transportation, infrastructure,  
education, wages, labor standards,  
economic development, and budgets*



## ANALYTICS & STATISTICS

*ILEPI uses advanced statistics,  
survey techniques, and the latest  
forecasting models*



## FOCUS ON ILLINOIS & MIDWEST

*Empower individuals,  
policymakers, and lawmakers to  
make informed policy decisions*

# FORECASTING BUMPY ROADS AHEAD

An Assessment of Illinois' Transportation Needs

April 4, 2018



Mary Craighead, AICP

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# TRANSPORTATION NETWORK

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# Illinois in Context

**145,892 miles of road** **3<sup>rd</sup>**

**2,185 interstate miles** **3<sup>rd</sup>**

**26,704 bridges** **3<sup>rd</sup>**

**6,986 railway miles** **2<sup>nd</sup>**

**1,100 miles of waterway** **8<sup>th</sup>**

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# SYSTEM USE

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# Transportation System Use



**12.8 million  
residents**

**5<sup>th</sup>**

**Population**



**8.5 million  
licensed  
drivers**

**3<sup>rd</sup>**

**Transit Trips  
(664 million)**

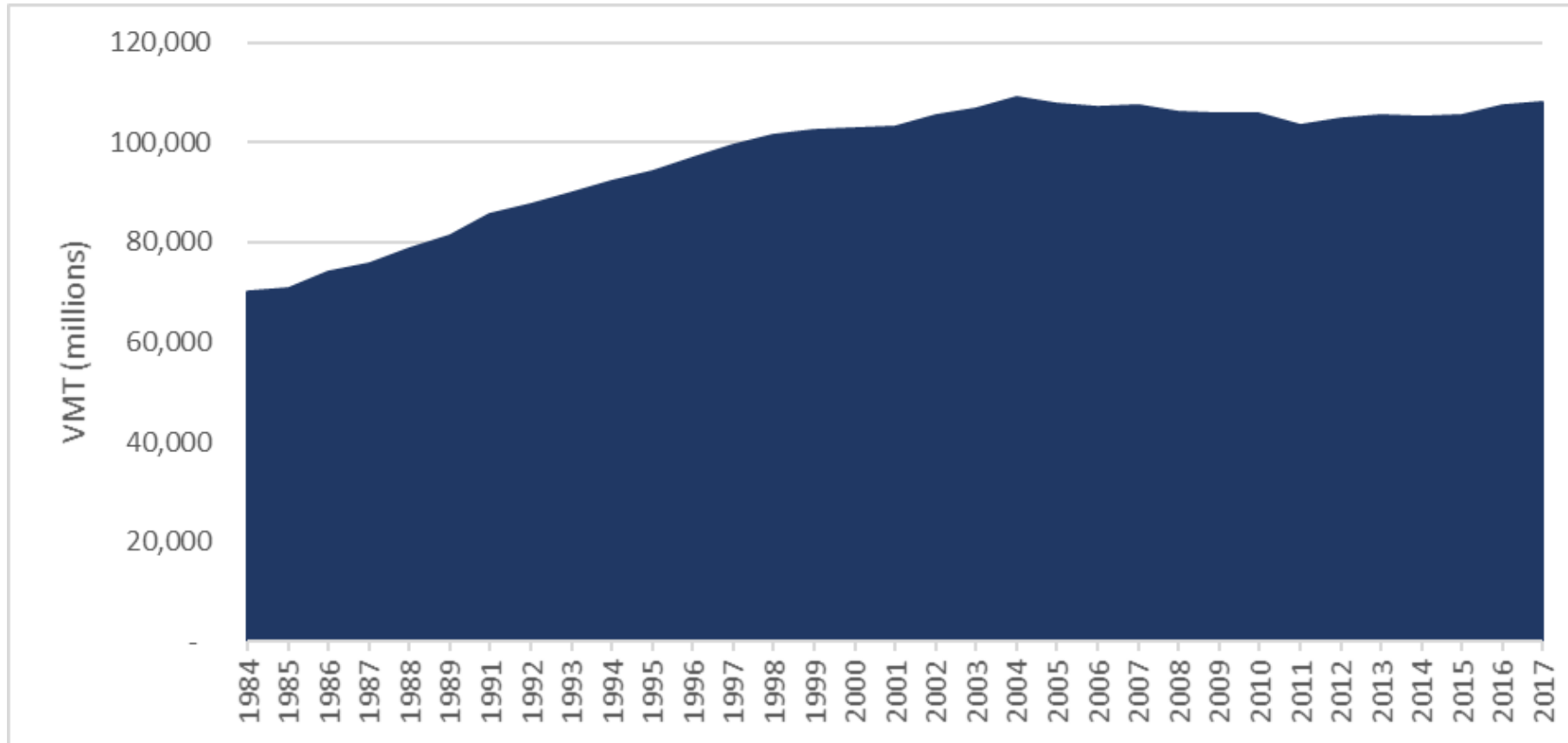


**10.3 million  
registered  
vehicles**

**6<sup>th</sup>**

**Enplanements  
(43 million)**

# Vehicle Miles Traveled



**55% increase in VMT between 1984 and 2017**



# Freight

**Avg daily long-haul truck traffic  
on National  
Highway System,  
2015**



# Freight

**Tonnage of rail  
intermodal  
moves, 2013**

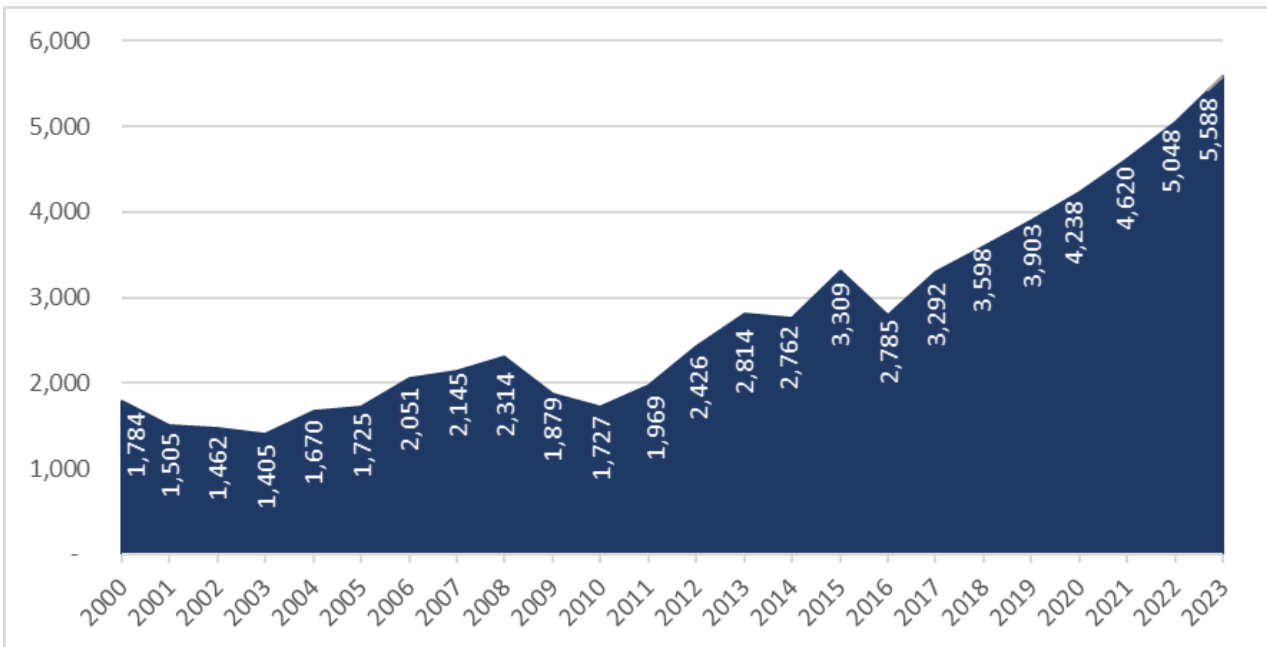


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# INFRASTRUCTURE NEEDS

# IDOT System Needs

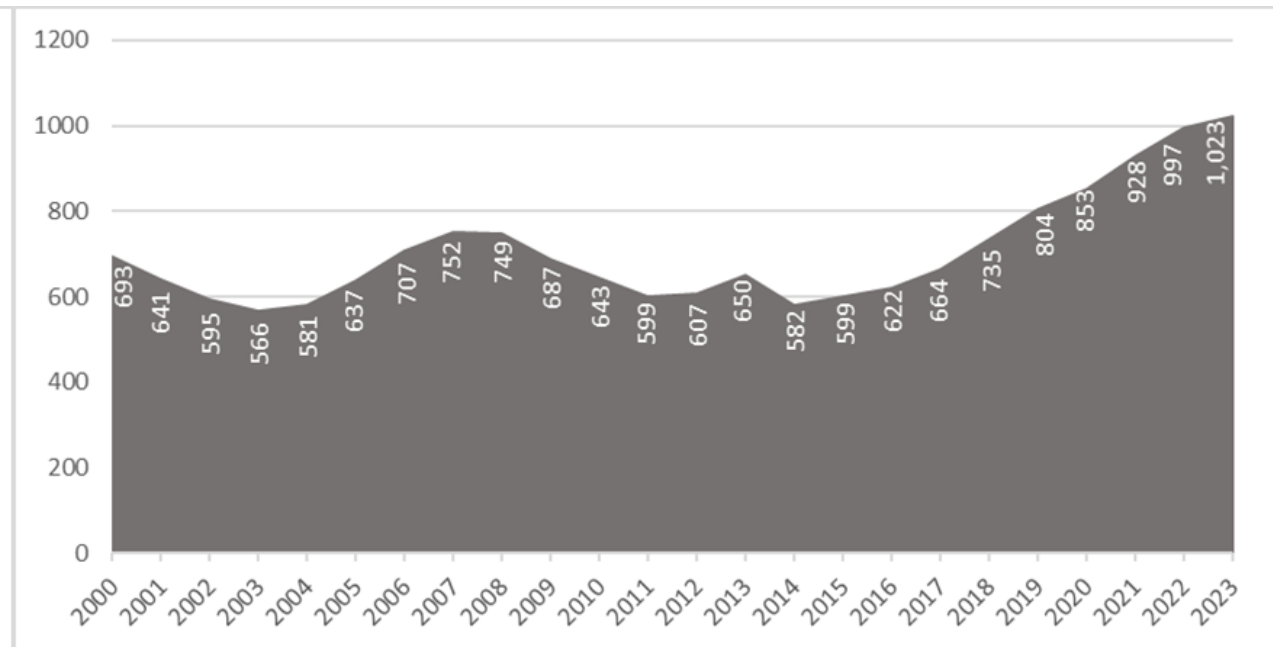
## Backlog Roadway Miles



**85% increase between 2000 and 2015**

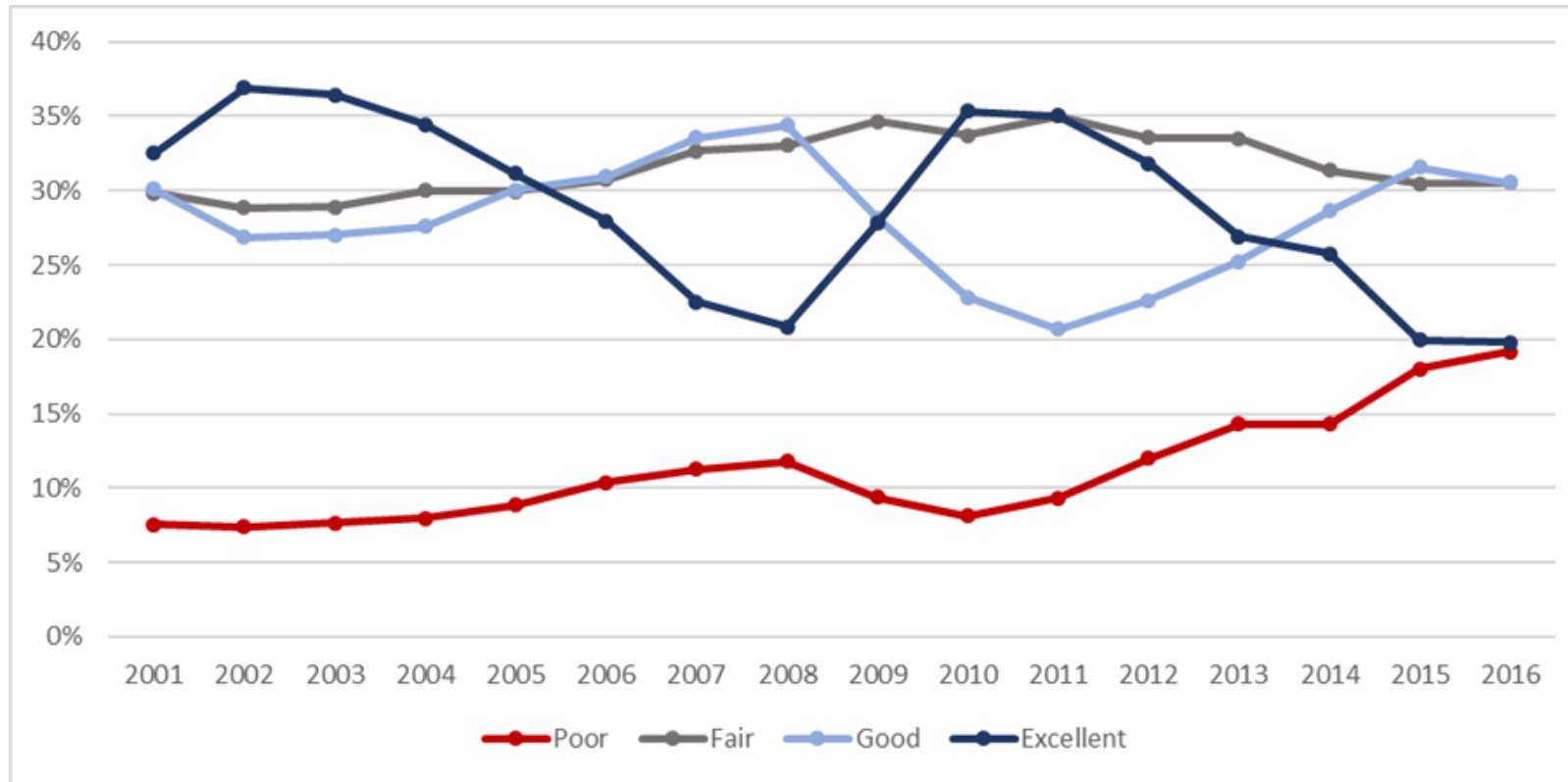
**100% between 2016 and 2023**

## Backlog Bridges



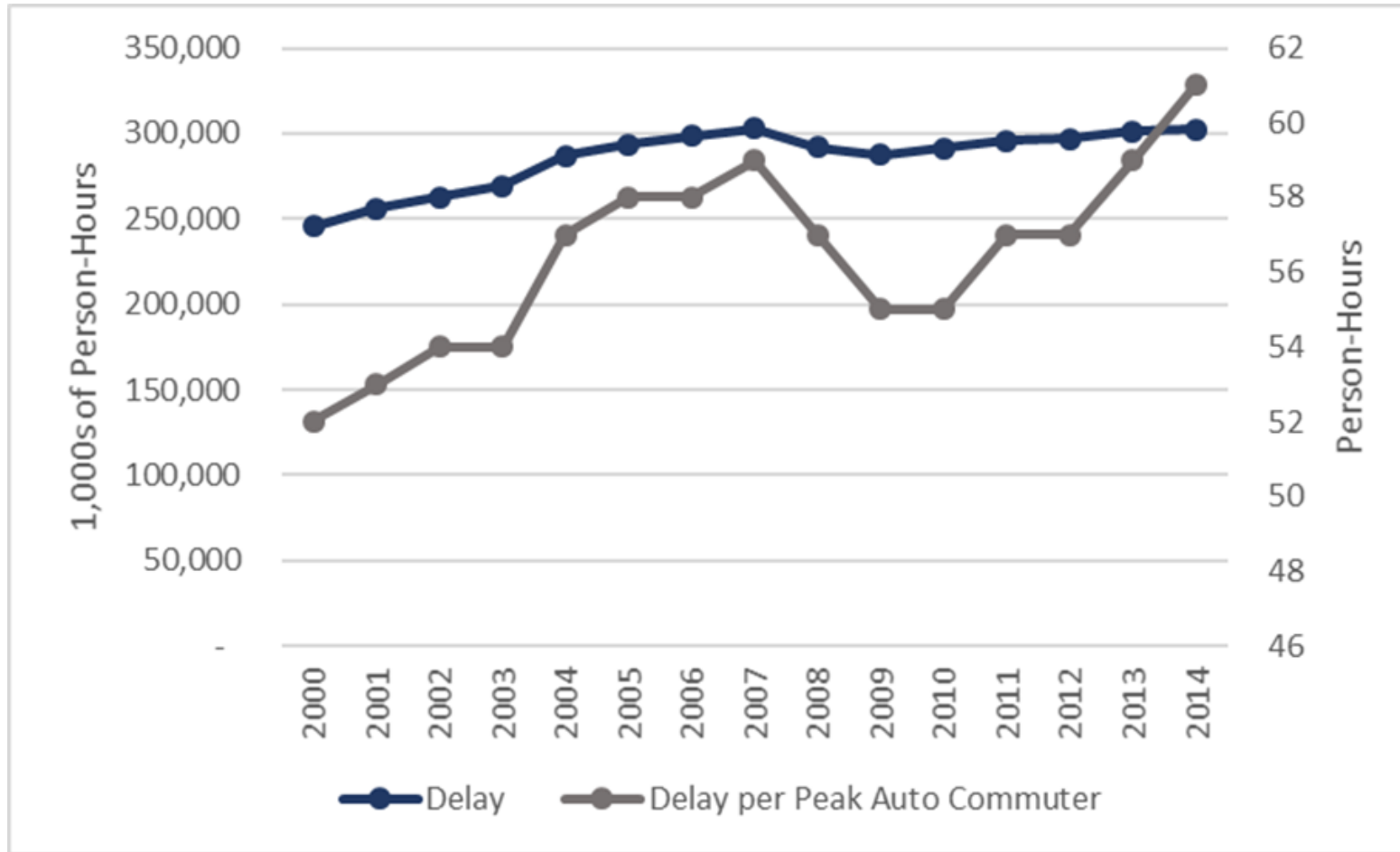
**65% increase between 2016 and 2023**

# IDOT Roadway Conditions



**20% are currently in “poor” condition,  
compared to only 8% in 2001**

# Congestion

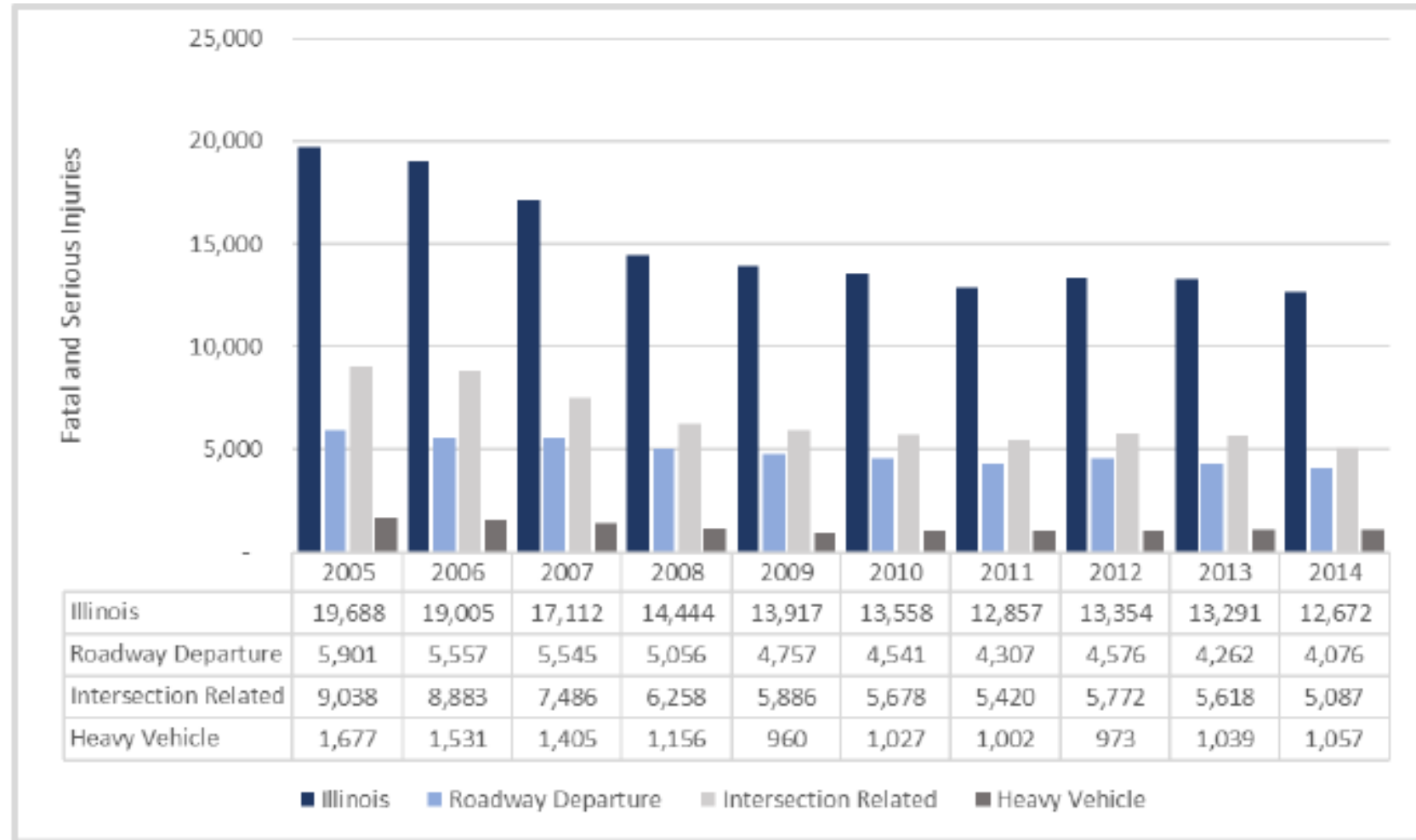


**Average delay for Chicago Region commuter 61 hours in 2014, compared to only 52 hours in 2000**

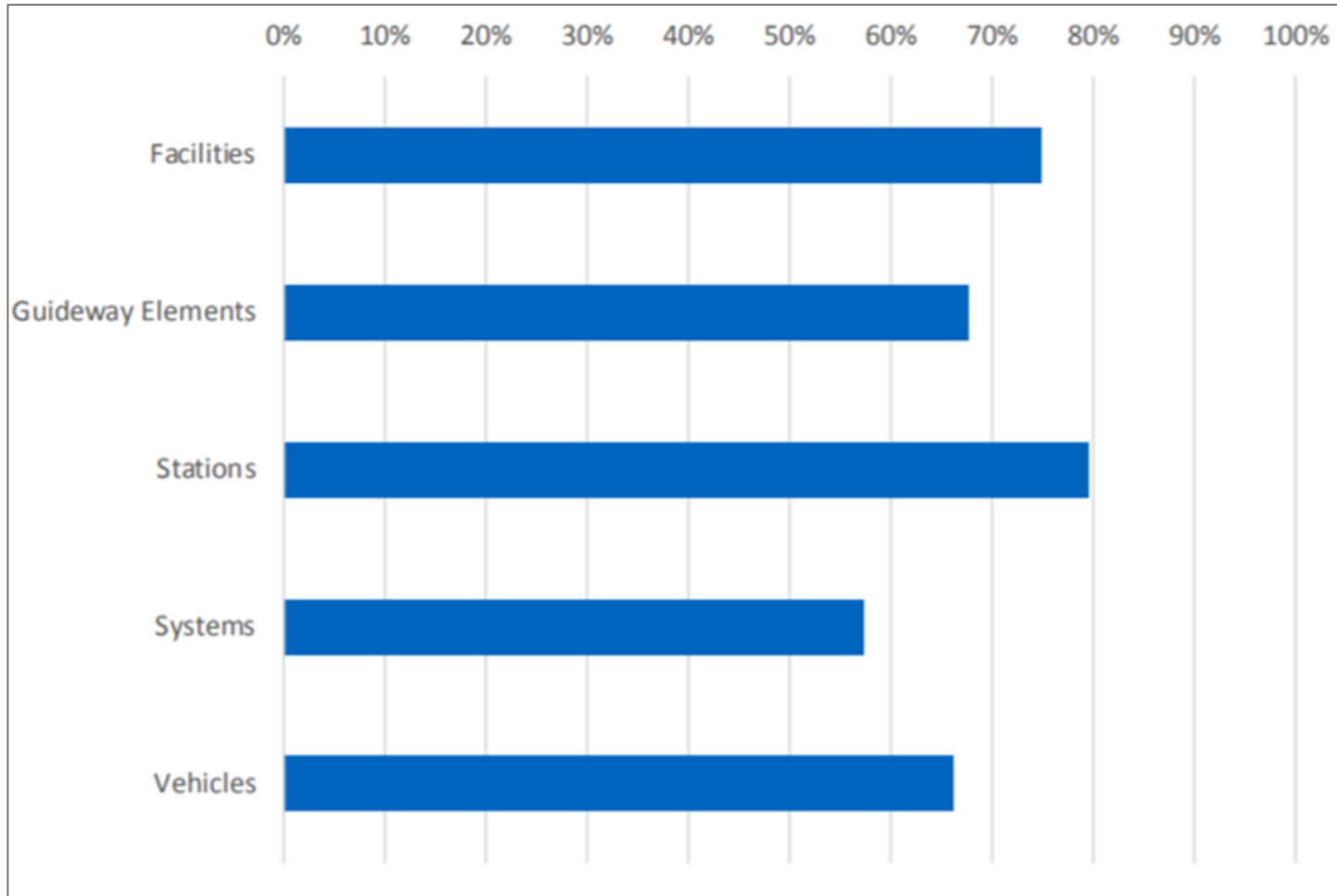


# Safety

**12,672 fatal and serious injuries due to vehicle crashes on state and local roadways in 2014**



# Transit Needs



**Percent of RTA  
systems  
considered to be  
in a state of  
“good repair”**



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# Funding Needs

**\$4.6 billion / year**

**To address backlog amongst IDOT roads and bridges  
and statewide transit systems**

## Roads & Bridges

**\$1.7  
billion**

**IDOT**

## Statewide Transit

**\$2.72  
billion**

**RTA**

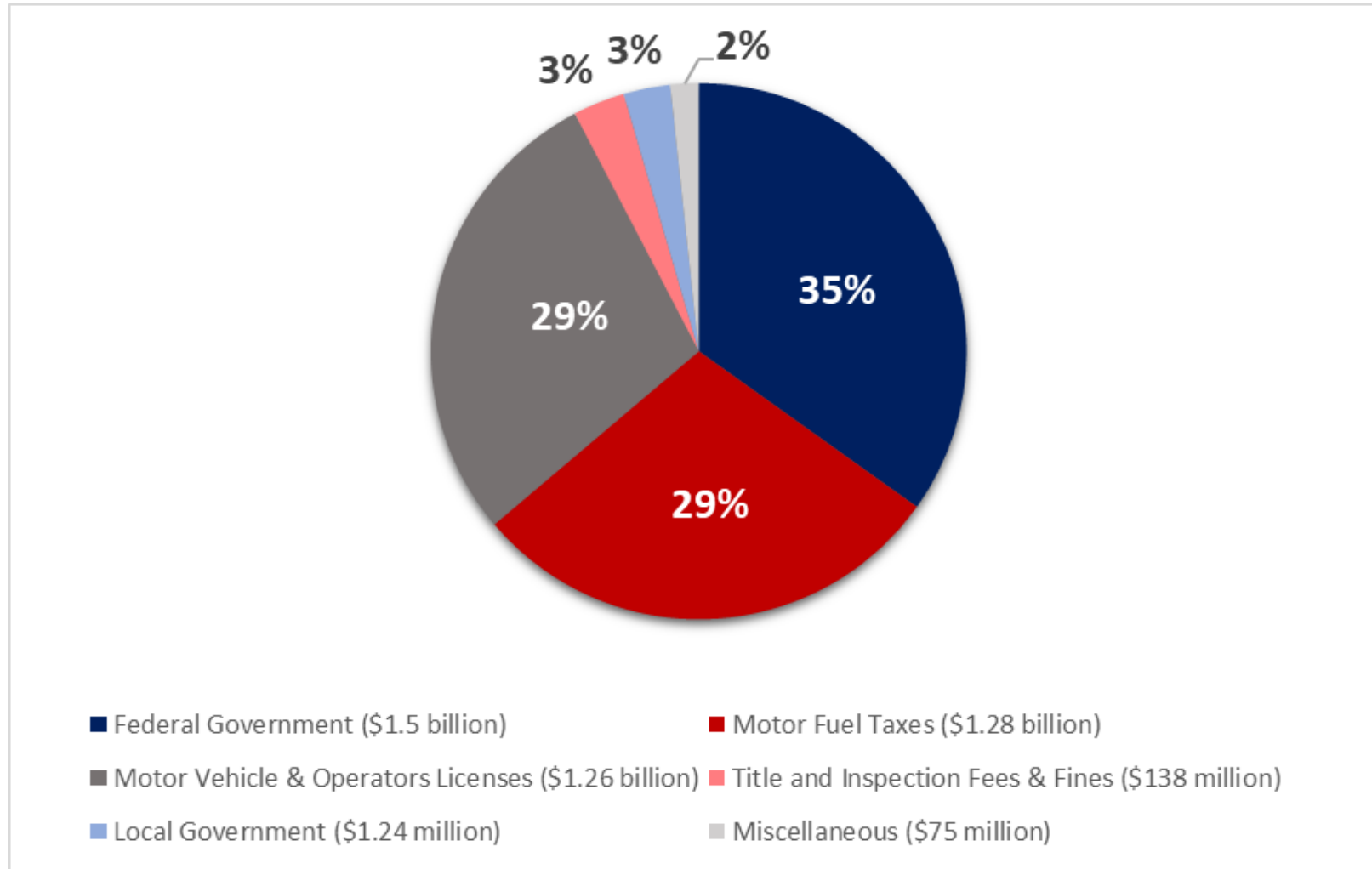
**\$0.20  
billion**

**Downstate  
Transit**

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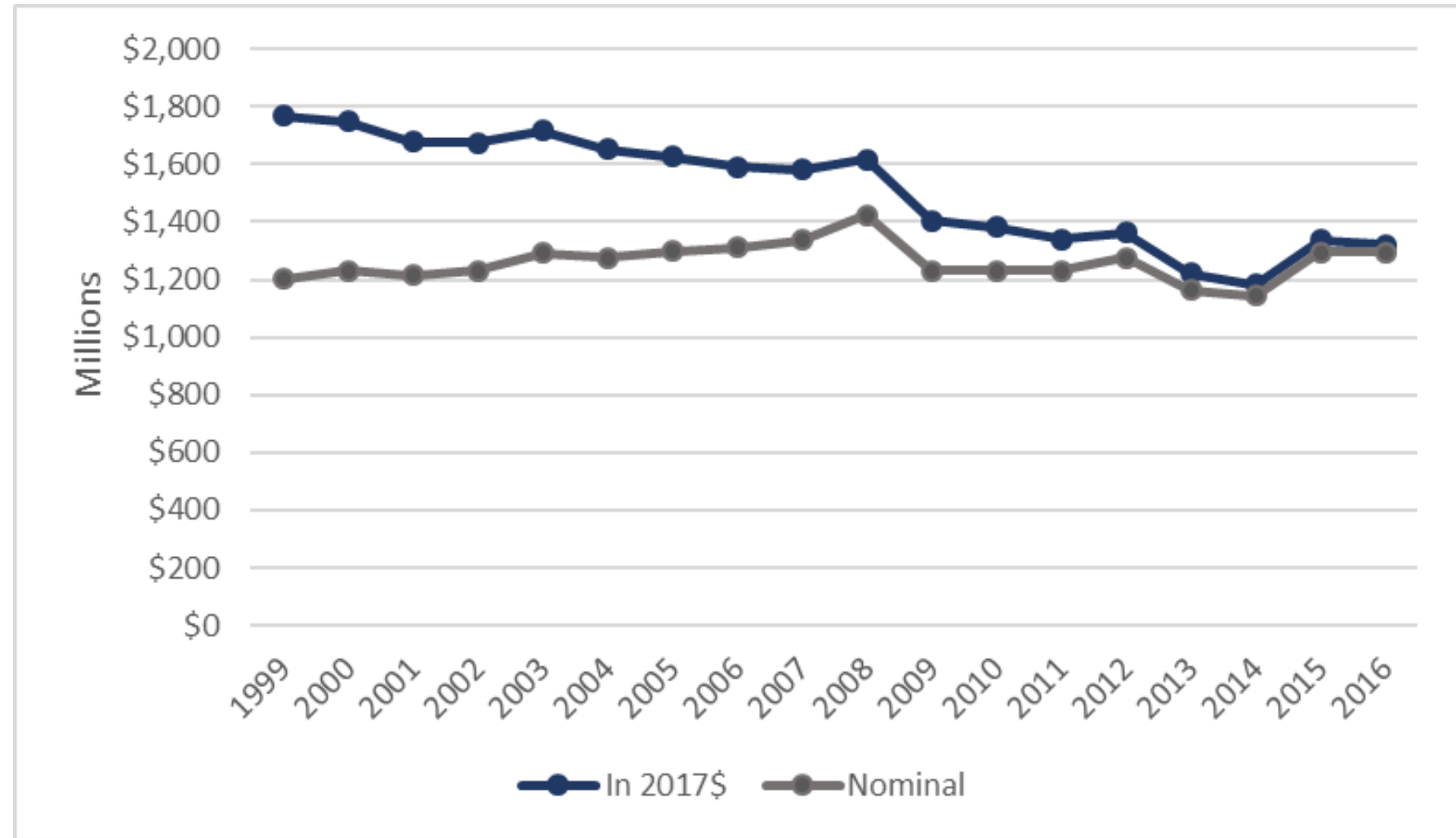
# EXISTING FUNDING

# Primary Funding Sources



# Motor Fuel Tax Revenues

**State motor fuel tax generated nearly \$1.8 billion in 1999, but only \$1.3 billion in 2016 (in 2017\$)**



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# ILLINOIS' FUNDING FUTURE

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# New Revenue Proposal

## Motor Fuel Tax

**Gasoline: \$0.19/gallon → \$0.38/gallon**

**Special Fuels: \$0.215/gallon → \$0.43/gallon**

**Generates \$1.264 billion**

## Vehicle Registration Fees

**\$98 → \$148**

**Generates \$450 million**

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# Illustrating the Dire Need

**To generate needed additional revenue, just to  
address backlog, requires:**

**\$0.85 / gallon of  
gasoline**

**AND**

**\$1.00 / gallon of  
special fuels**

**OR**

**\$578 / vehicle  
registration fee**

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# Moving Forward

**Transportation needs in Illinois are great and some sort of change is necessary**

**Without action, needs will only continue to grow**

**Outside factors should also be taken into account**



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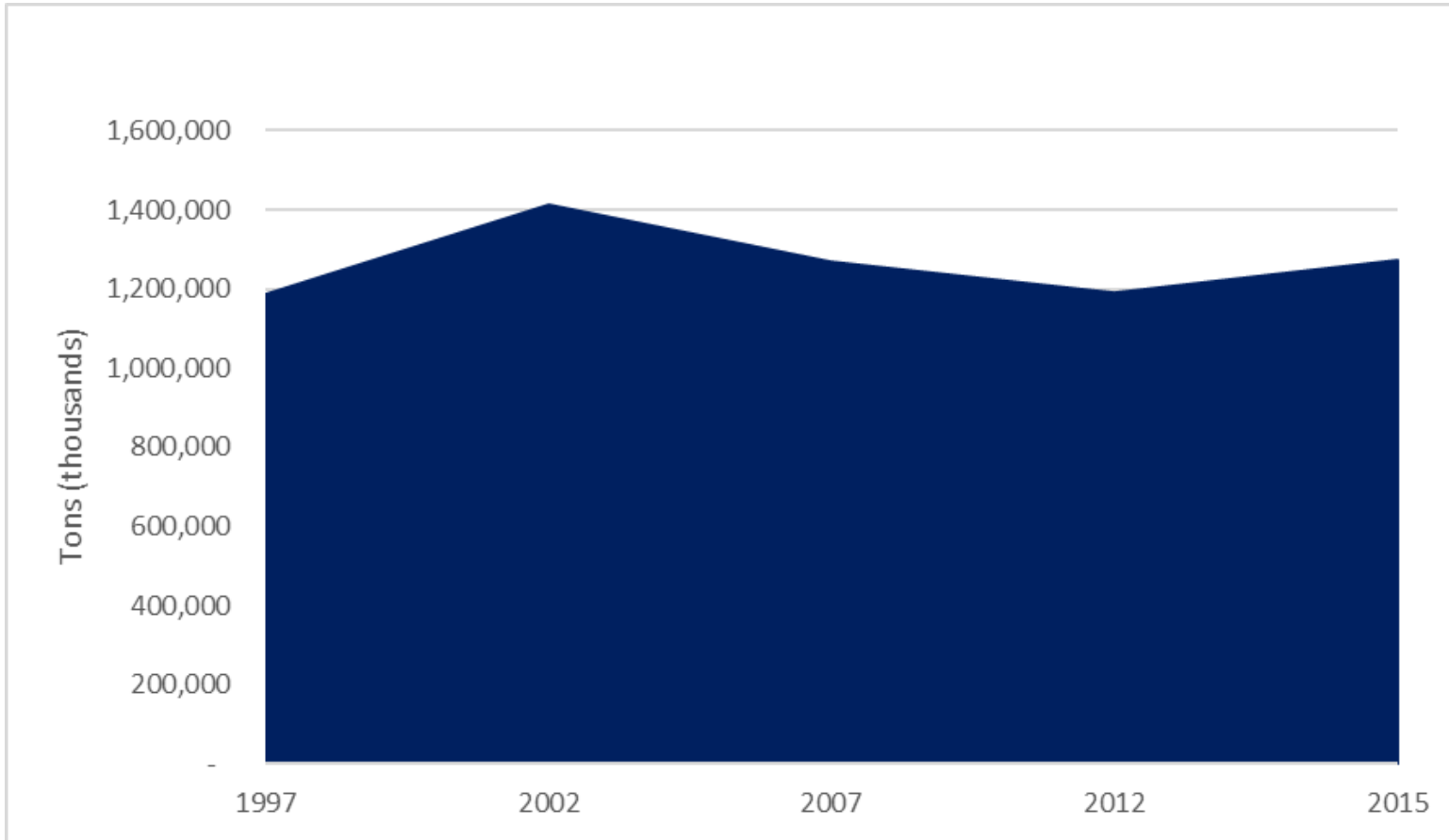
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**[www.illinoisepi.org](http://www.illinoisepi.org)**

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# EXTRA SLIDES

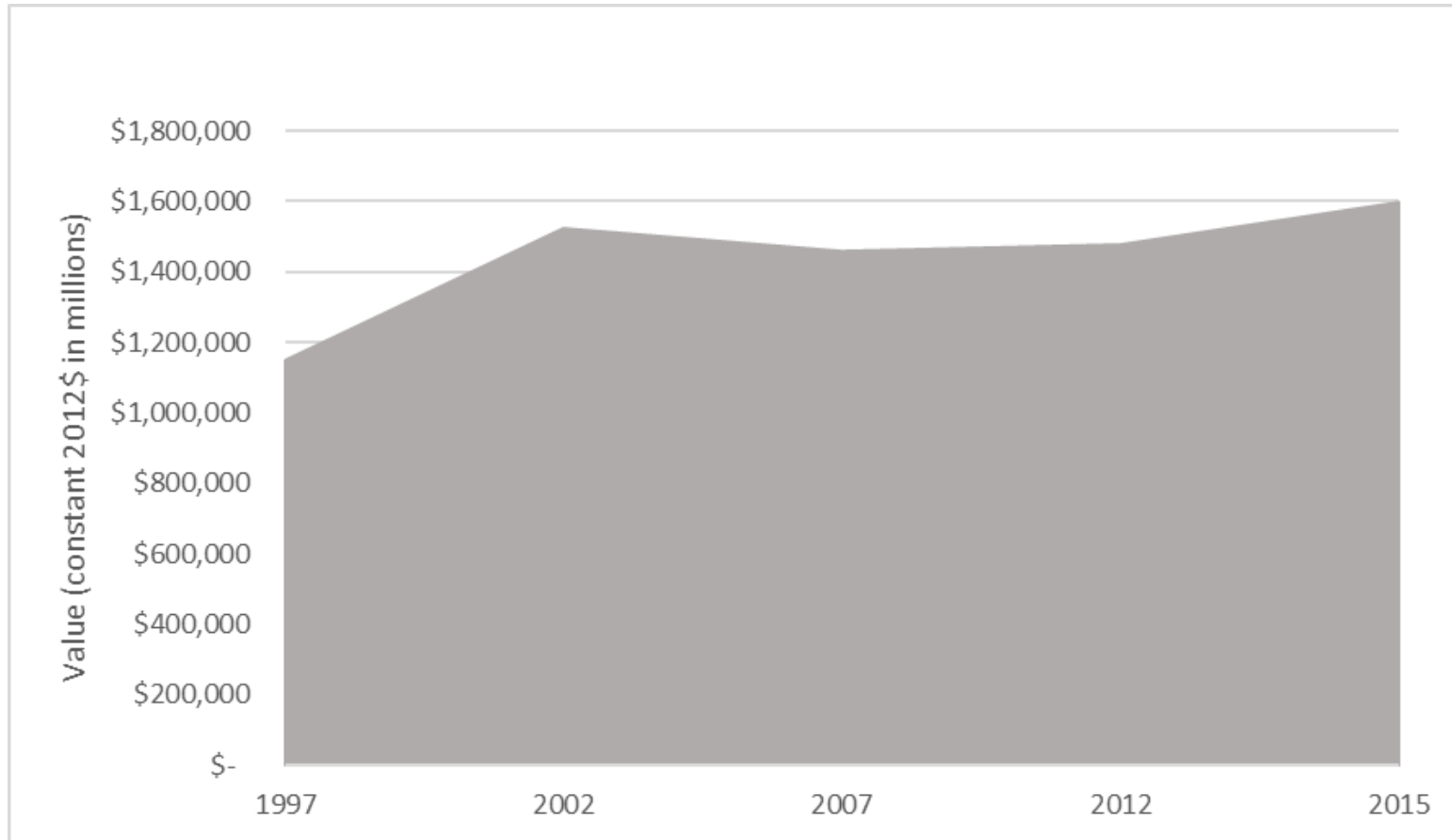
# Freight



**Weight of Illinois  
inbound, outbound,  
and within freight  
movements, 1997-  
2015**

**Ranks 3<sup>rd</sup>  
nationally**

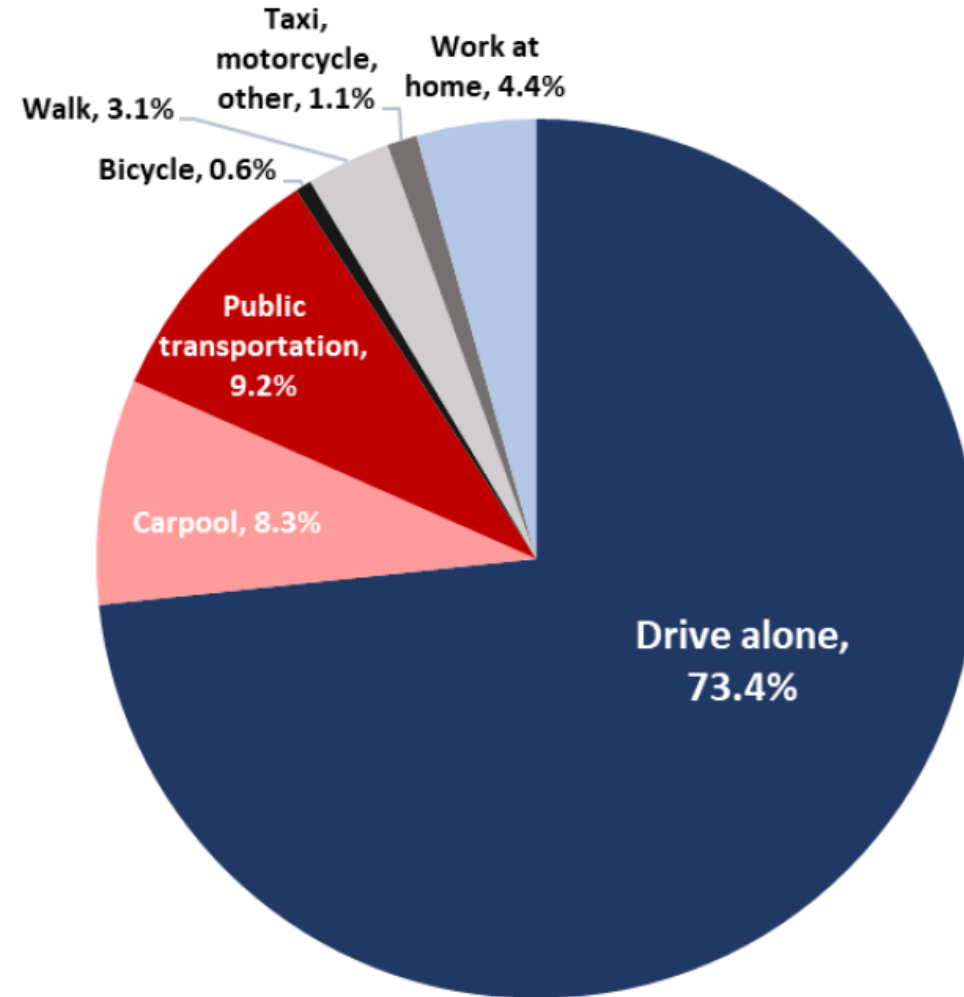
# Freight



**Value of Illinois  
inbound, outbound,  
and within freight  
movements, 1997-  
2015**

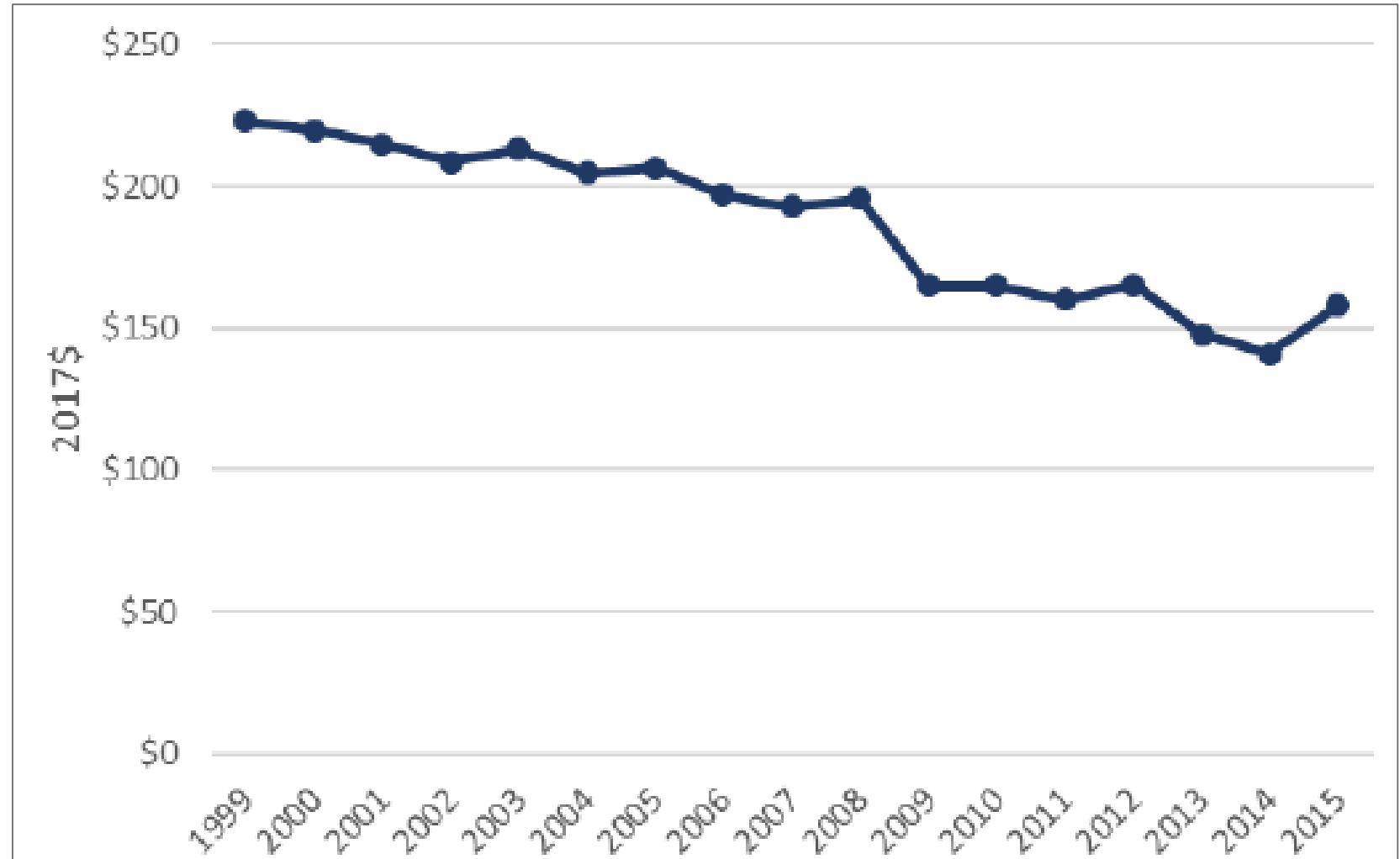
**Ranks 3<sup>rd</sup>  
nationally**

# Commuting Characteristics



# MFT Per Licensed Driver

**Each Illinois driver paid \$65 less per year in 2015, compared to 1999 (2017\$) – a 29% decrease**



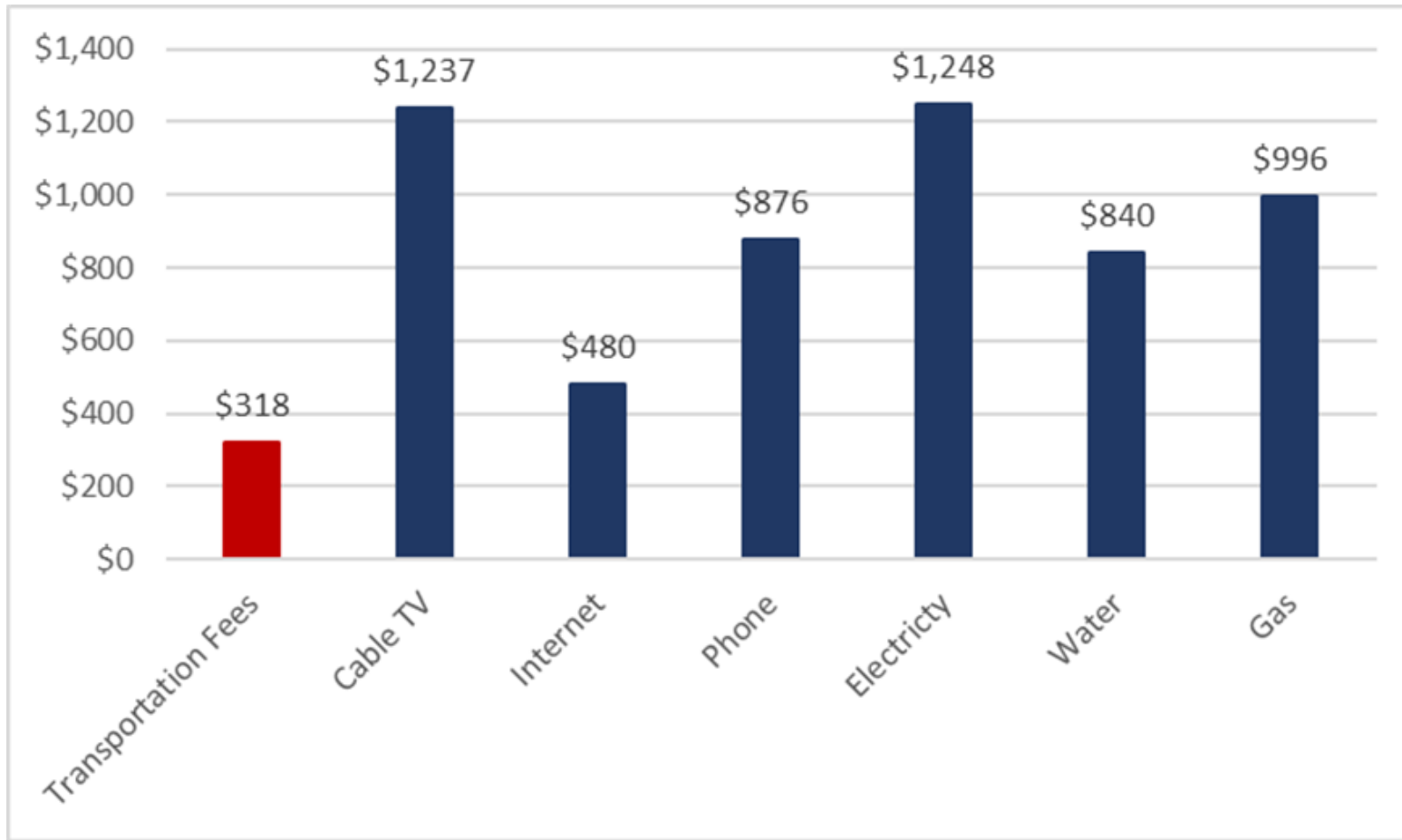
# Personal Cost of Fees

**State fees cost  
average driver  
(long wheelbase)  
approximately  
\$19/month**

	Light Duty Vehicles	
	Short Wheelbase	Long Wheelbase
Miles Driven (2015 U.S. Average)	11,327	11,855
Miles per Gallon (2015 U.S. Average)	23.9	17.3
Gallons per Year	473.9	685.3
Federal Gas Tax Cost (\$0.184/gallon)	\$87	\$126
State Gas Tax Cost (\$0.19/gallon)	\$90	\$130
State Vehicle Registration Fee	\$101	\$101
<b>Annual Cost</b>	<b>\$278</b>	<b>\$357</b>

Source(s): FHWA Highway Statistics (miles driven); EIA (miles per gallon); NCSL, 2017 (veh. reg. fee)

# Transportation as a Utility



**The average annual electricity and cable bills are almost 4 times typical transportation fees**