

# NSSGA

NATIONAL STONE, SAND  
& GRAVEL ASSOCIATION

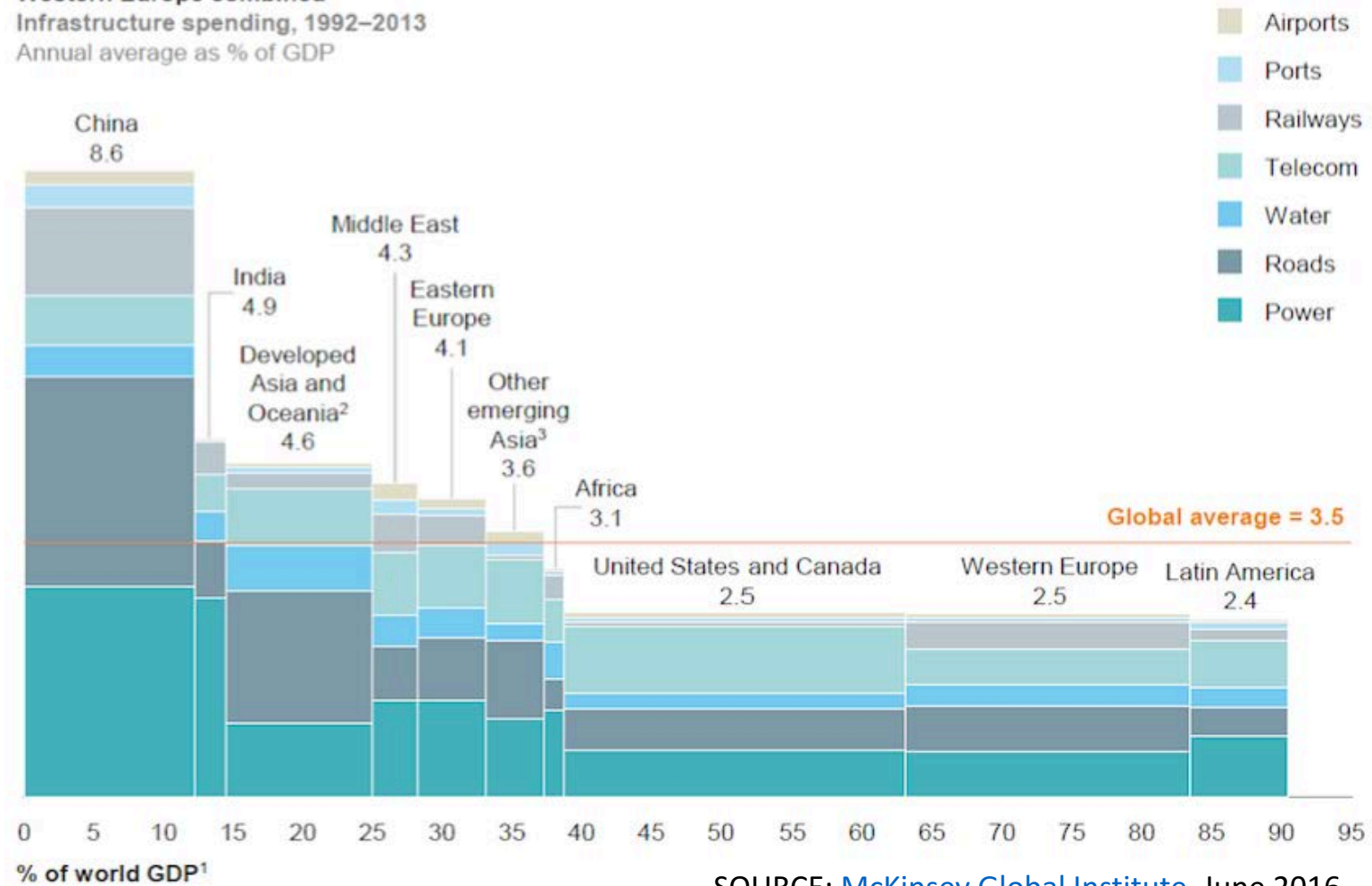
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# GLOBAL INFRASTRUCTURE SPENDING

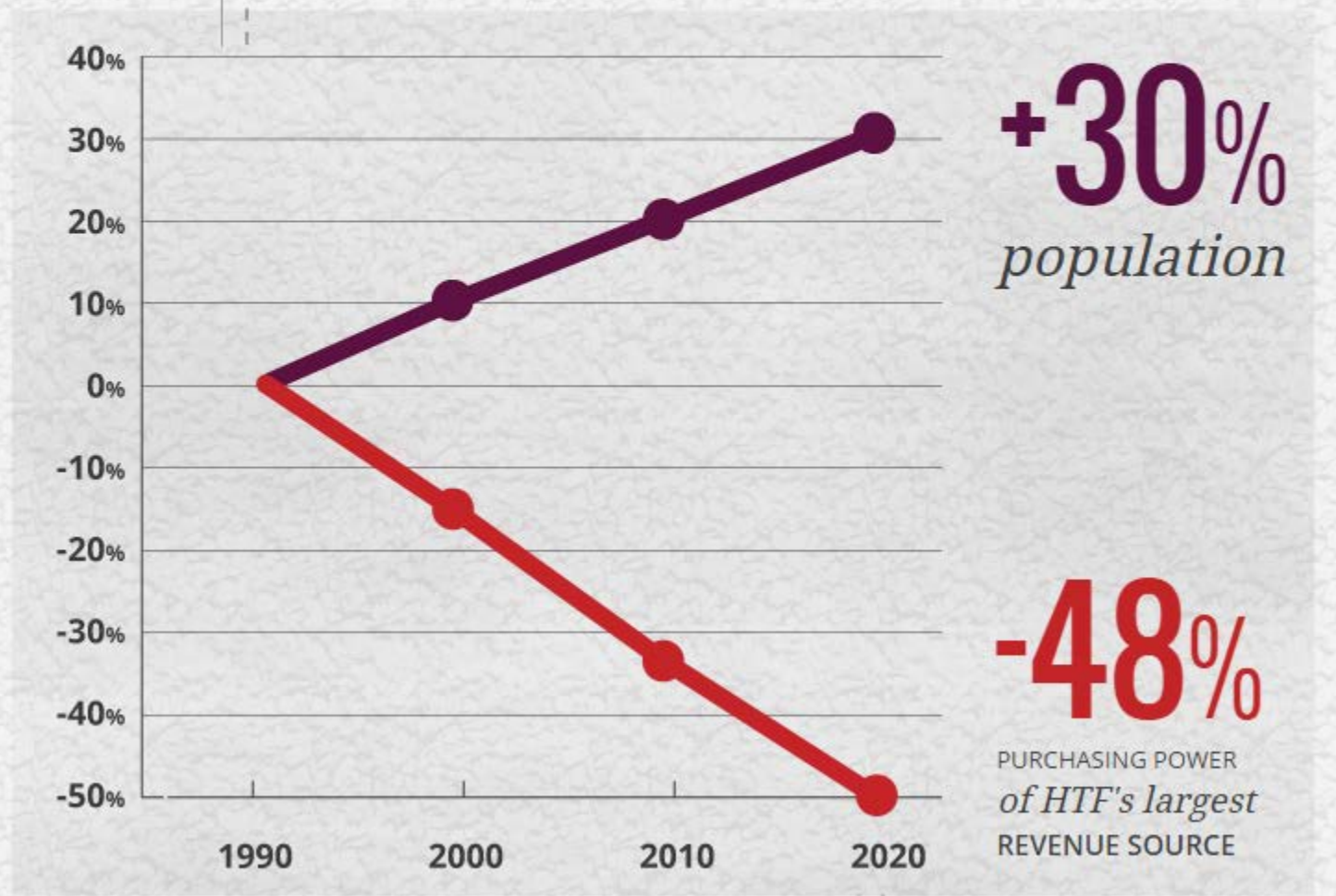
China spends more on economic infrastructure annually than North America and Western Europe combined  
 Infrastructure spending, 1992–2013  
 Annual average as % of GDP



SOURCE: [McKinsey Global Institute](#), June 2016



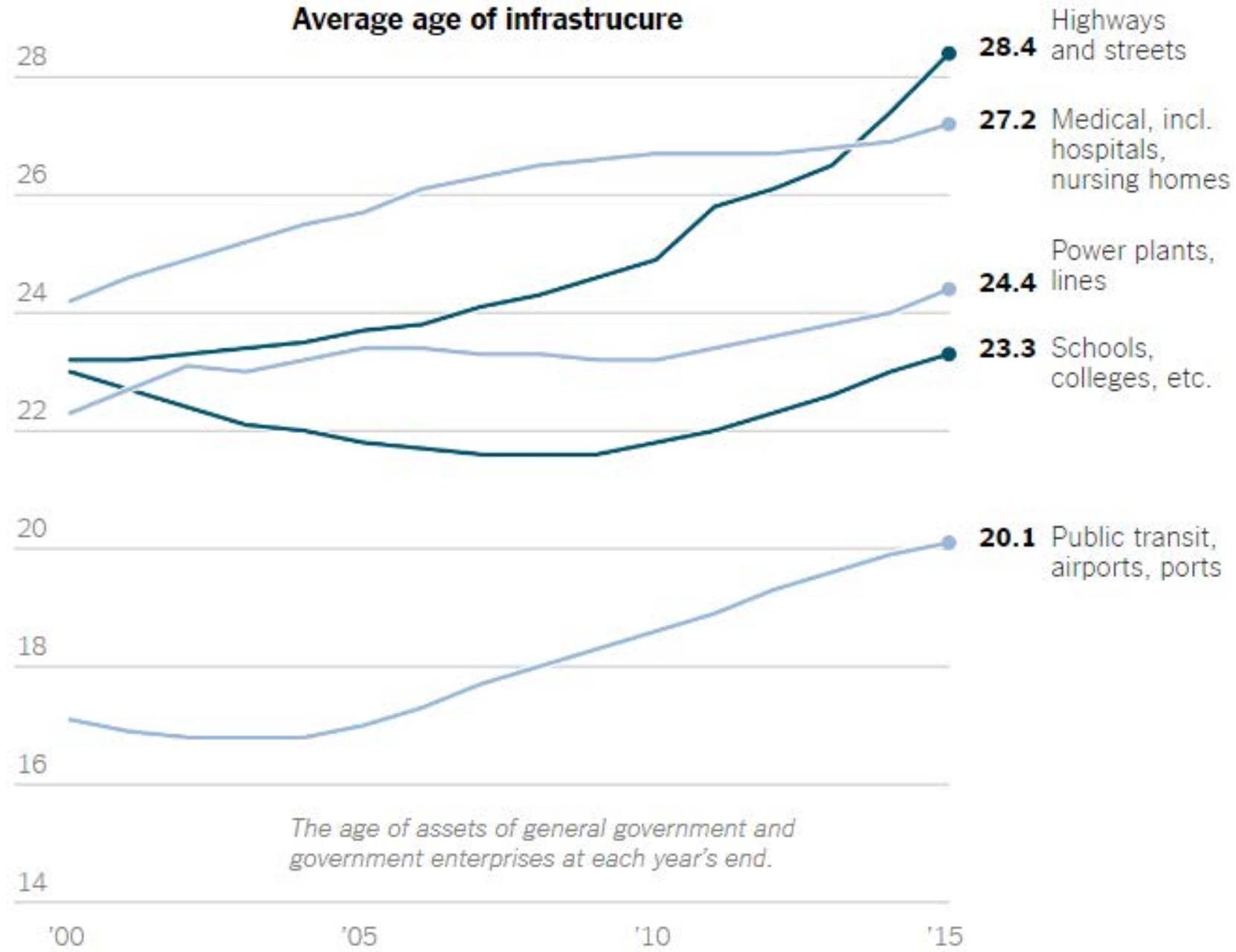
*Investment hasn't kept up.*



Sources: US Census, Bureau of Labor Statics, AASHTO

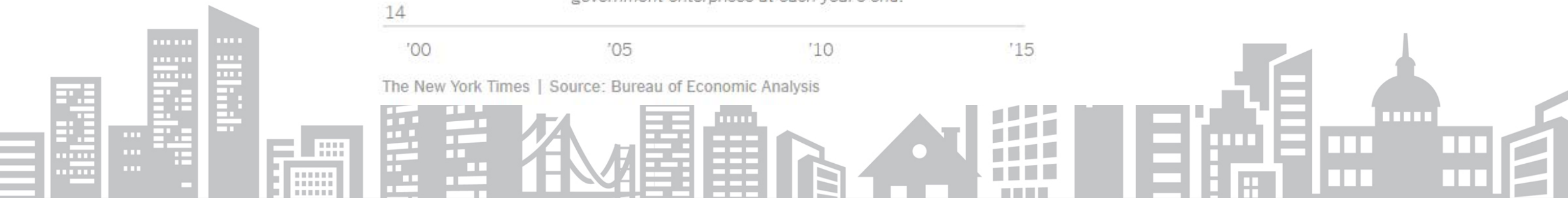


**Average age of infrastrucure**

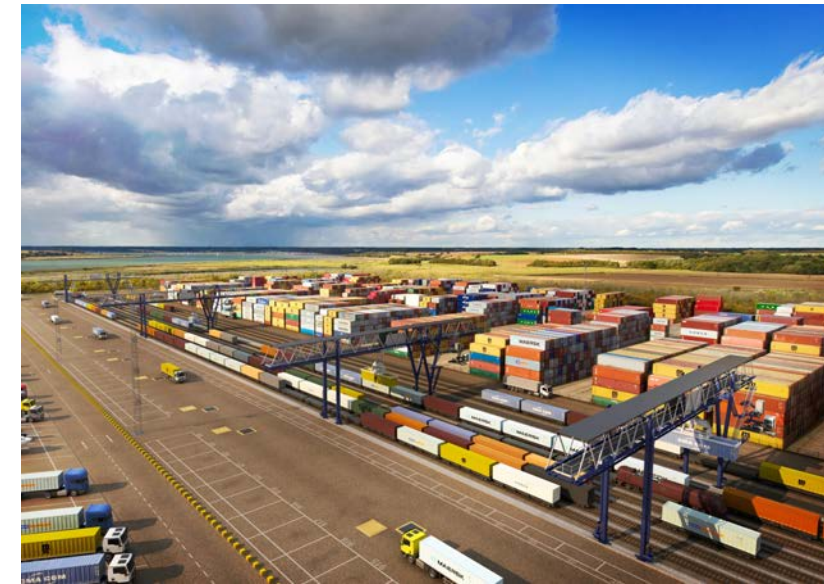


*The age of assets of general government and government enterprises at each year's end.*

The New York Times | Source: Bureau of Economic Analysis



# PORTS



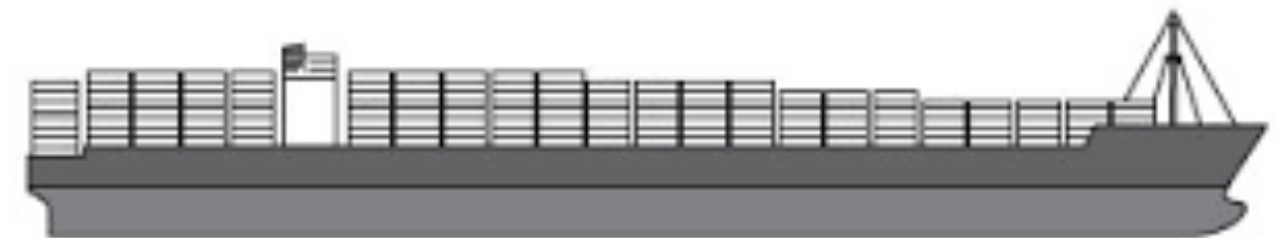
2017  
INFRASTRUCTURE  
REPORT CARD  
ASCE

**Ports**

99% of America's overseas trade passes through ports

An infographic on a blue background. In the top left, there is a map of the United States composed of various infrastructure icons. Below it, the text reads '2017 INFRASTRUCTURE REPORT CARD ASCE'. In the center, a large grey ship is shown from a top-down perspective, with a yellow and black crane extending from its deck. Below the large ship is a smaller red and white vessel. On the left side, the word 'Ports' is written in a large blue font, followed by an orange clipboard icon containing a white 'C+' and a blue upward-pointing arrow. Below this, the text states '99% of America's overseas trade passes through ports'.

Panamax: max. load 5000 containers



Post-Panamax: max. load 12,000 containers



# WORLD BANK LOGISTICS PERFORMANCE INDEX



| Country              | Infrastructure | Int'l shipments | Timeliness |
|----------------------|----------------|-----------------|------------|
| Germany              | 1              | 8               | 2          |
| Netherlands          | 2              | 6               | 5          |
| Sweden               | 3              | 4               | 3          |
| Luxembourg           | 4              | 1               | 1          |
| United Kingdom       | 5              | 11              | 8          |
| Singapore            | 6              | 5               | 6          |
| Switzerland          | 7              | 14              | 14         |
| <b>United States</b> | <b>8</b>       | <b>19</b>       | <b>11</b>  |
| Canada               | 9              | 29              | 25         |
| Hong Kong, China     | 10             | 2               | 9          |
| Japan                | 11             | 13              | 15         |
| Austria              | 12             | 9               | 7          |
| United Arab Emirates | 13             | 7               | 18         |
| Belgium              | 14             | 3               | 4          |
| France               | 15             | 20              | 13         |
| Finland              | 16             | 30              | 16         |
| Norway               | 17             | 25              | 39         |
| Australia            | 18             | 21              | 21         |
| Italy                | 19             | 17              | 22         |
| Korea, Rep.          | 20             | 27              | 23         |
| South Africa         | 21             | 23              | 24         |
| Ireland              | 22             | 10              | 29         |
| China                | 23             | 12              | 31         |
| Denmark              | 24             | 15              | 30         |
| Spain                | 25             | 22              | 26         |



# PORTS



COMMITTED TO  
IMPROVING THE STATE  
OF THE WORLD

The Global  
Competitiveness  
Report

2015-2016

2.03 Quality of ports

|    |                      |
|----|----------------------|
| 1  | Netherlands          |
| 2  | Singapore            |
| 3  | United Arab Emirates |
| 4  | Finland              |
| 5  | Hong Kong SAR        |
| 6  | Belgium              |
| 7  | Panama               |
| 8  | Iceland              |
| 9  | Denmark              |
| 10 | United States        |
| 11 | United Kingdom       |
| 12 | Spain                |
| 13 | Sweden               |
| 14 | Germany              |
| 15 | Qatar                |

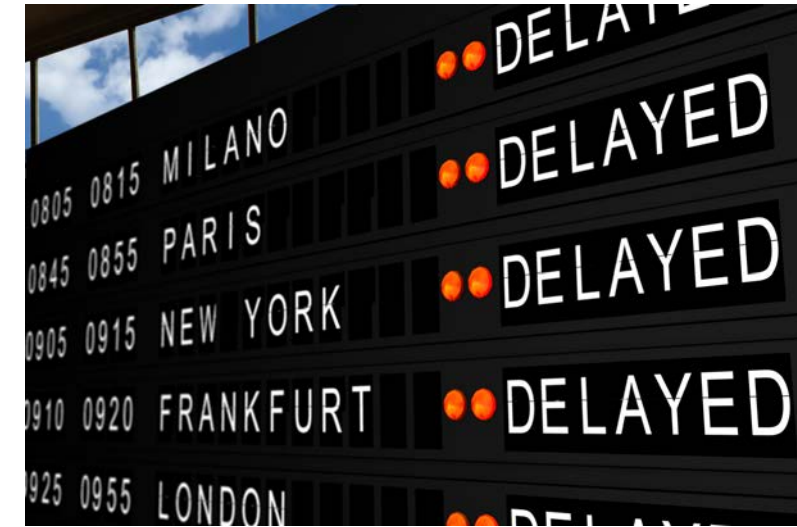
## Water Infrastructure Improvements Act (WIIN)

- Signed into law in December of 2016, Over \$11 Billion in funding
- Authorizes over 30 levee, port, harbors and dam projects
- Includes funding for Flint, Michigan relief efforts
- Returns Congress to a 2 year WRDA cycle





# AVIATION



# AVIATION



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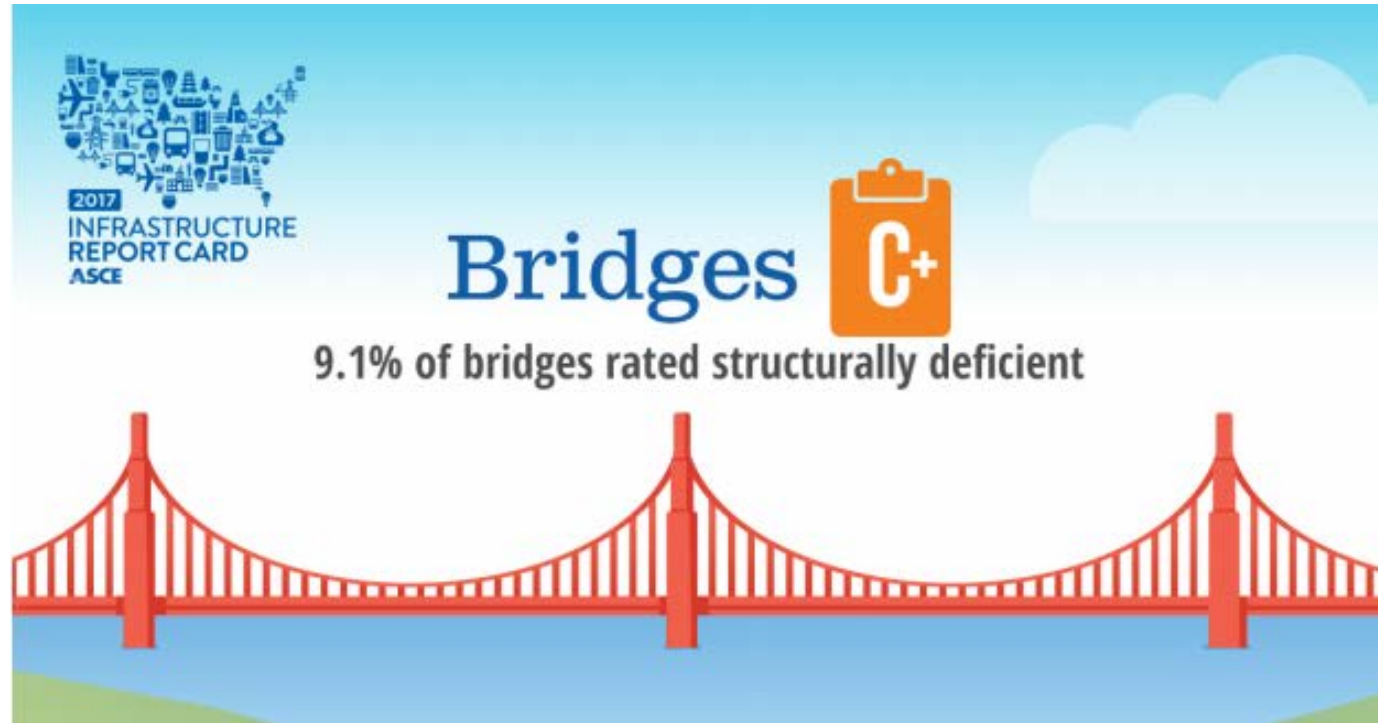
|    |                      |
|----|----------------------|
| 1  | Singapore            |
| 2  | United Arab Emirates |
| 3  | Hong Kong SAR        |
| 4  | Netherlands          |
| 5  | United States        |
| 6  | Panama               |
| 7  | Qatar                |
| 8  | Switzerland          |
| 9  | Finland              |
| 10 | Norway               |
| 11 | Germany              |
| 12 | Spain                |
| 13 | Iceland              |
| 14 | South Africa         |
| 15 | France               |

## Federal Aviation Administration (FAA) Reauthorization

- \$9.9 billion until Sept. 30, 2017
- Airport improvement program \$3.35 billion
- Signed into law – July 13, 2016

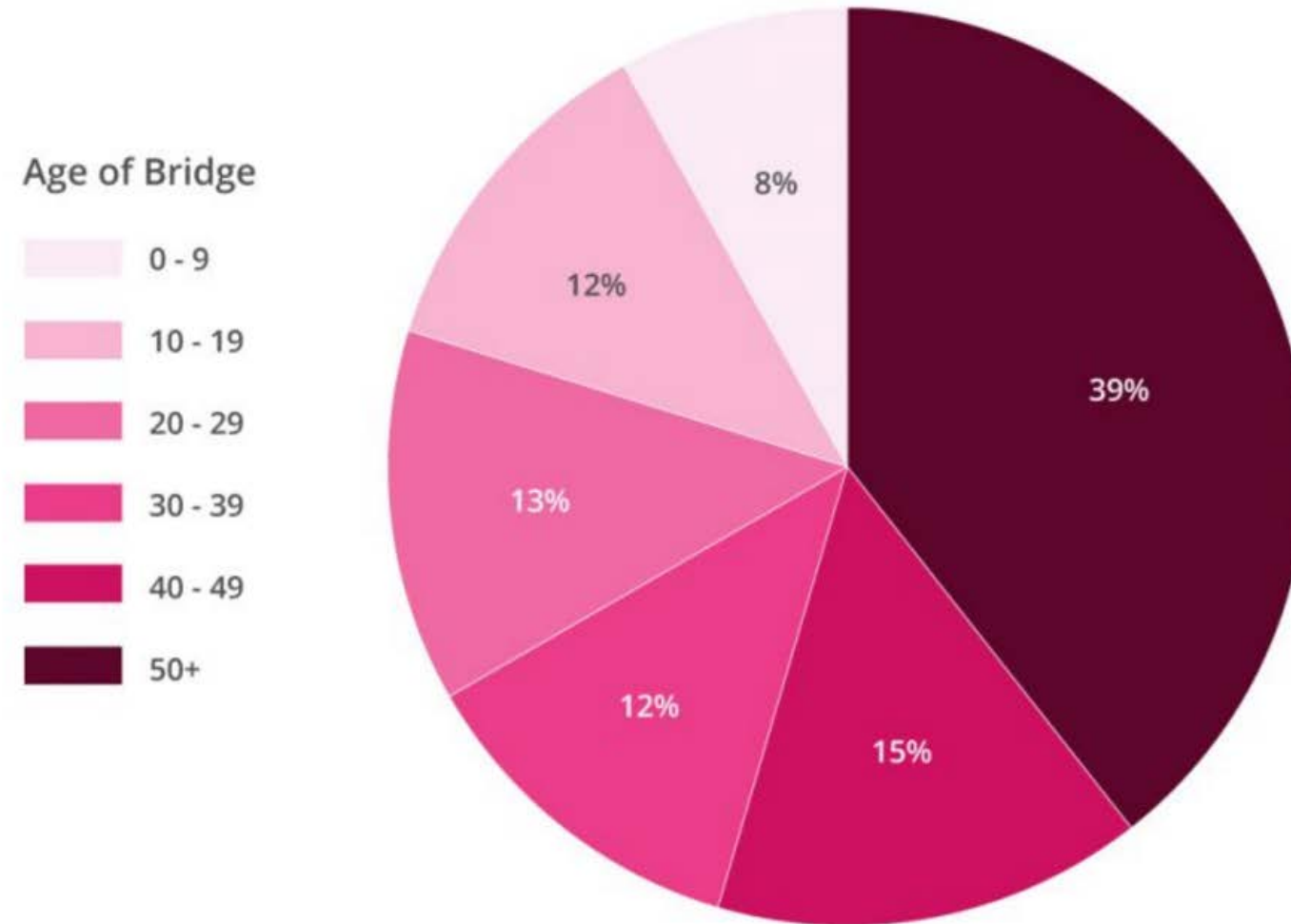


# BRIDGES



# BRIDGES

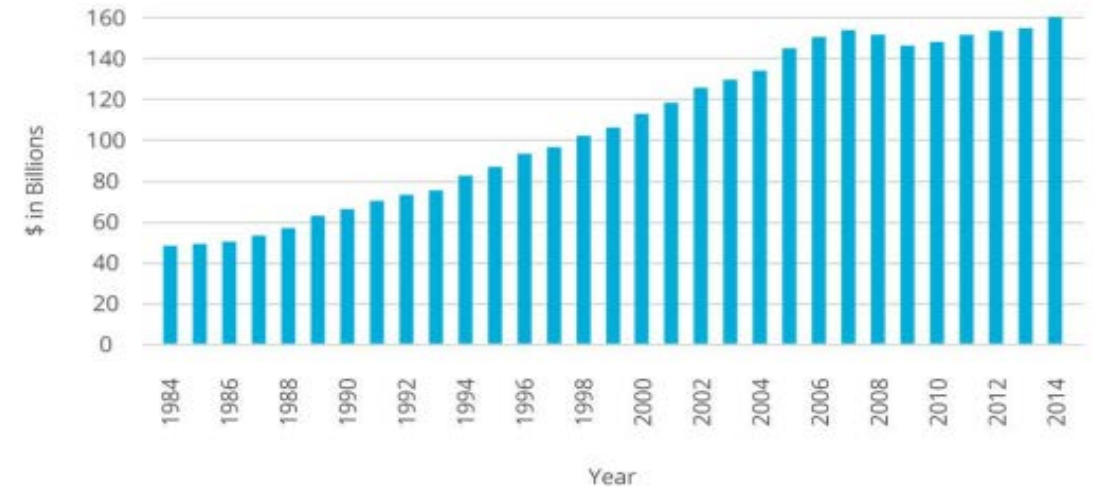
## America's Bridges by Age



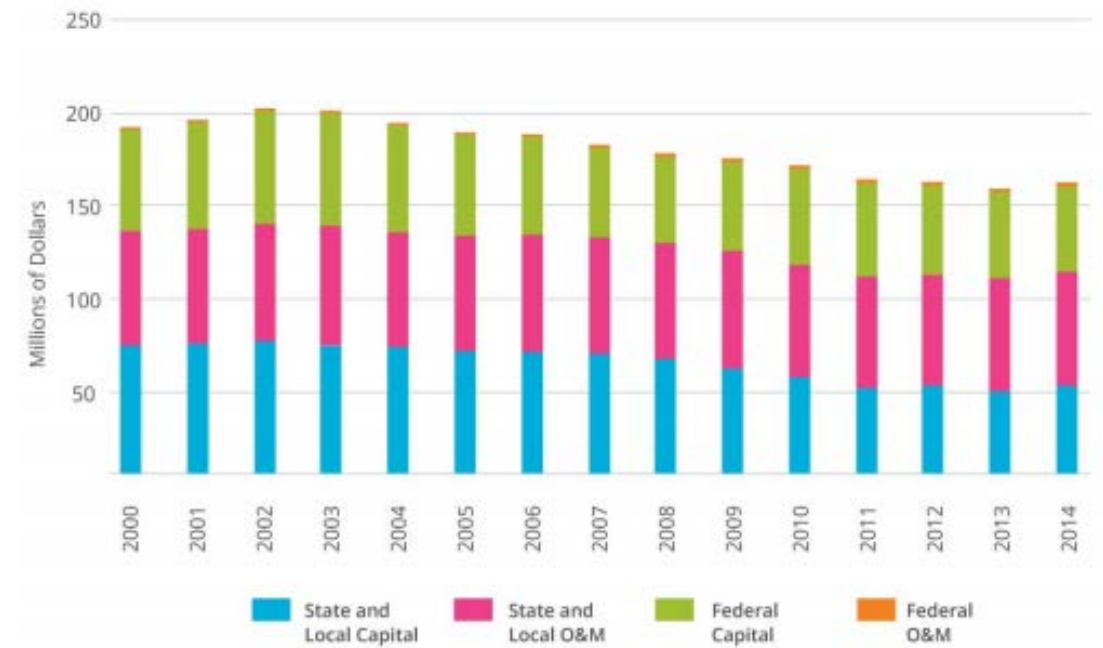
# ROADS



**Total Cost of Congestion**  
2014 Dollars

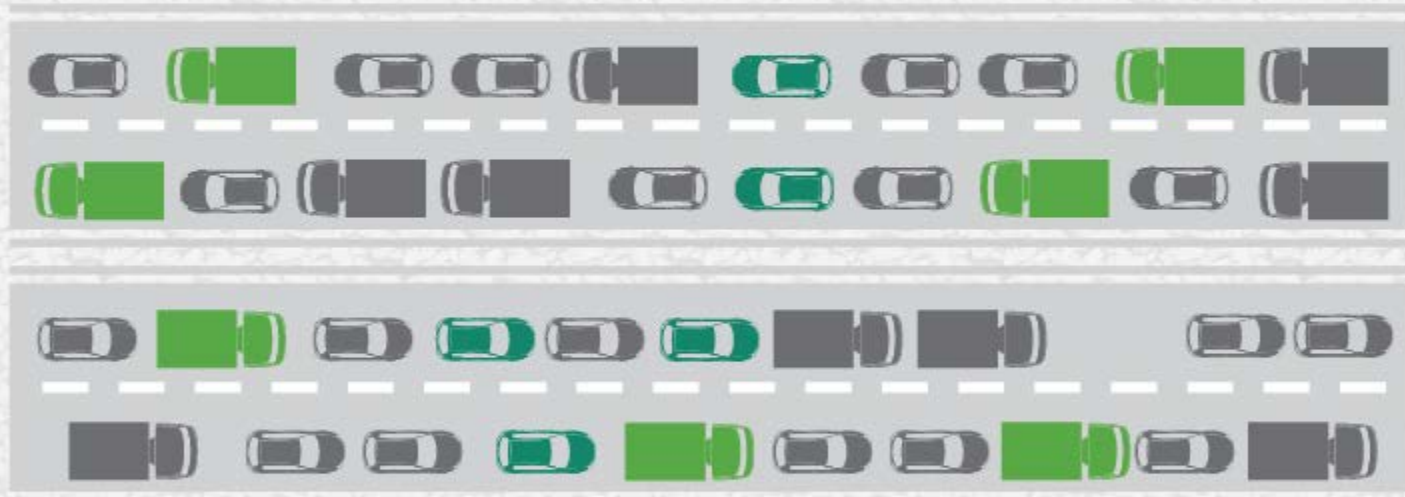


**Public Spending on Highway Infrastructure**



BY 2030, WE'LL SEE A  
**25% INCREASE**

*in overall **vehicle** travel*



**64% INCREASE**

*Source: TRIP*

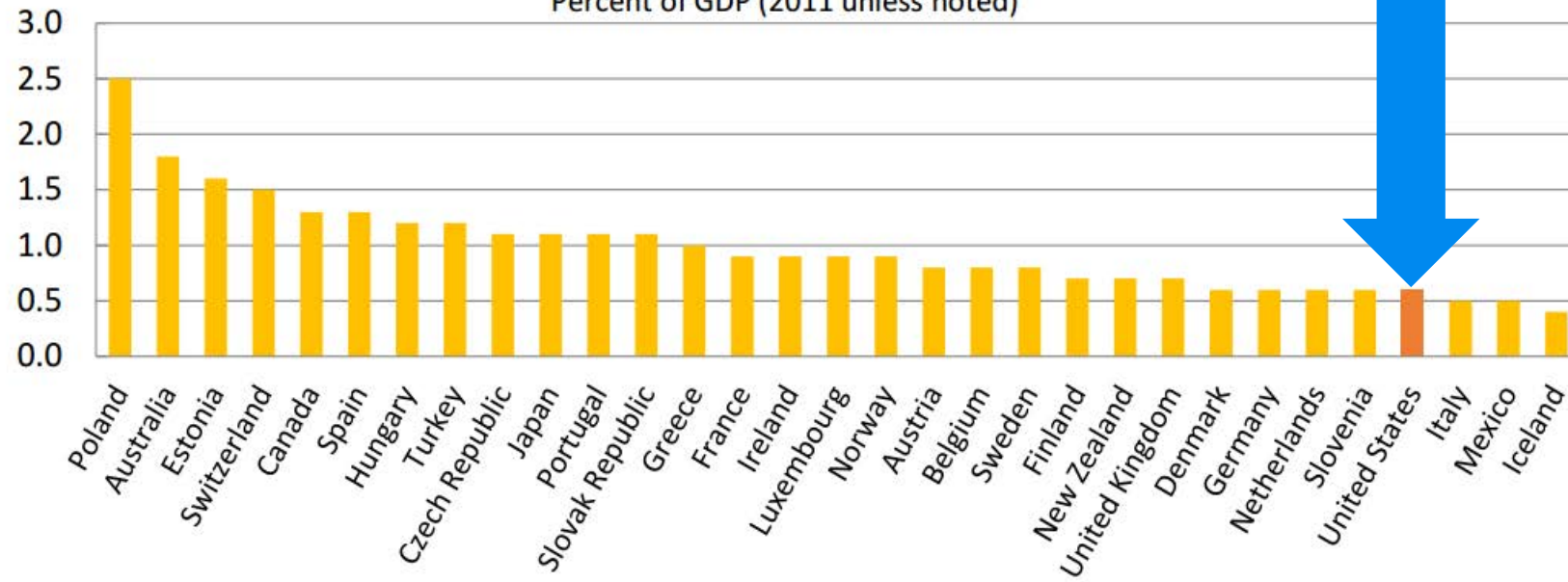
*in travel by large **commercial** trucks*



# 28<sup>th</sup> in Transportation Investment

**Investment in Inland Transportation Infrastructure**

Percent of GDP (2011 unless noted)



Source: Organization for Economic Co-operation and Development; Office of Management and Budget

|    |                      |
|----|----------------------|
| 1  | United Arab Emirates |
| 2  | Netherlands          |
| 3  | Singapore            |
| 4  | Portugal             |
| 5  | Hong Kong SAR        |
| 6  | Austria              |
| 7  | France               |
| 8  | Japan                |
| 9  | Switzerland          |
| 10 | Chinese Taipei       |
| 11 | Spain                |
| 12 | Finland              |
| 13 | Germany              |
| 14 | United States        |
| 15 | Malaysia             |
| 16 | Denmark              |
| 17 | Korea, Rep.          |
| 18 | Oman                 |
| 19 | Croatia              |
| 20 | Luxembourg           |

# 14<sup>th</sup> in Quality of Roads



# BRIDGES & ROADS F.A.S.T. ACT

## Ends a cycle of 10 years of extensions

- First long-term (5yr) highway spending bill in a decade
- Ends state/local uncertainty over federal funding

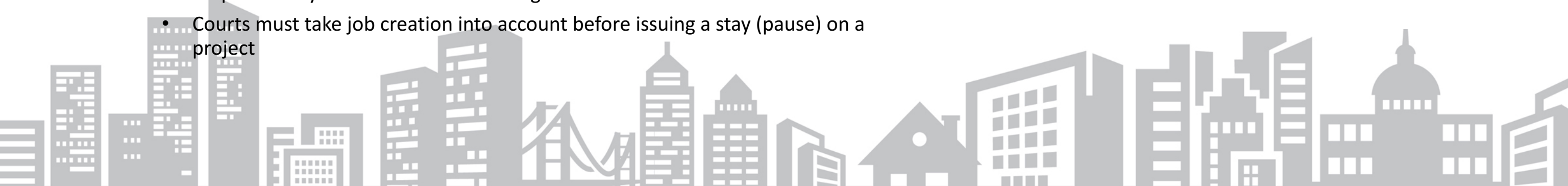
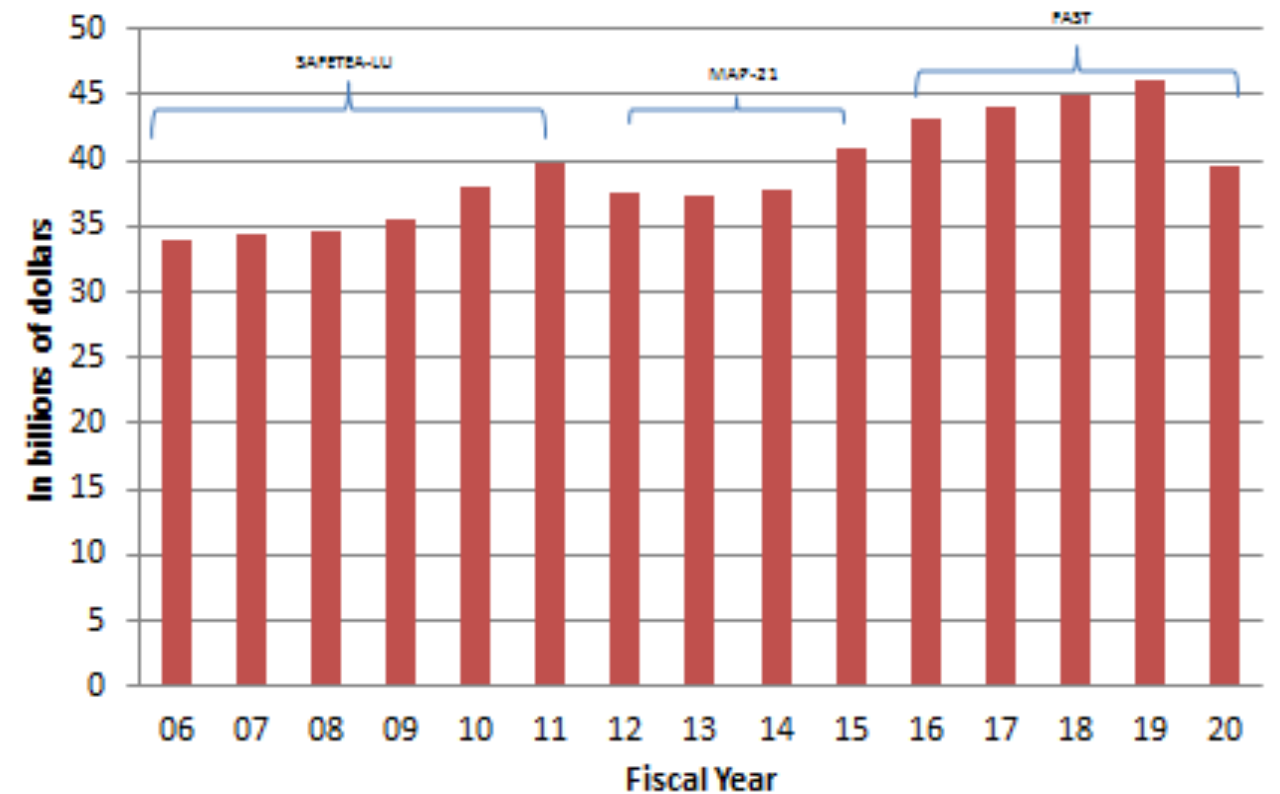
## Spending

- Boosts highway spending 15% from FY'16-FY'20
  - Total: \$305 billion over 5 years
    - \$281 billion for the highway trust fund
  - New competitive grant for “Nationally Significant Freight and Highway Projects”
    - Build more efficient roads/highways
  - Expands state block grants for states to have greater flexibility with federal dollars

## Highlights—Streamlines project planning/review/approval process

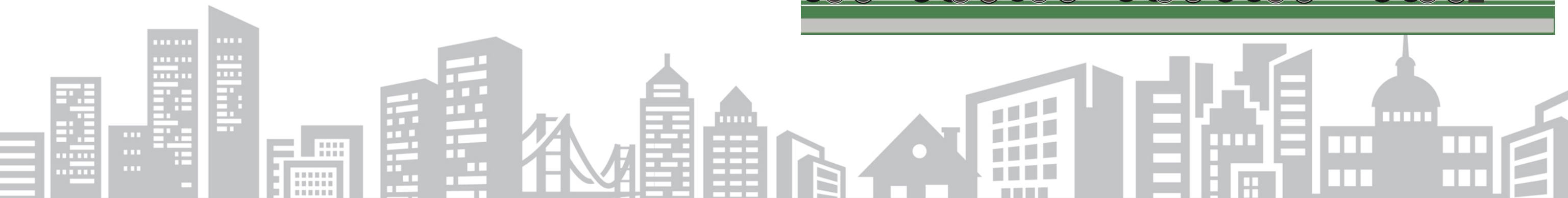
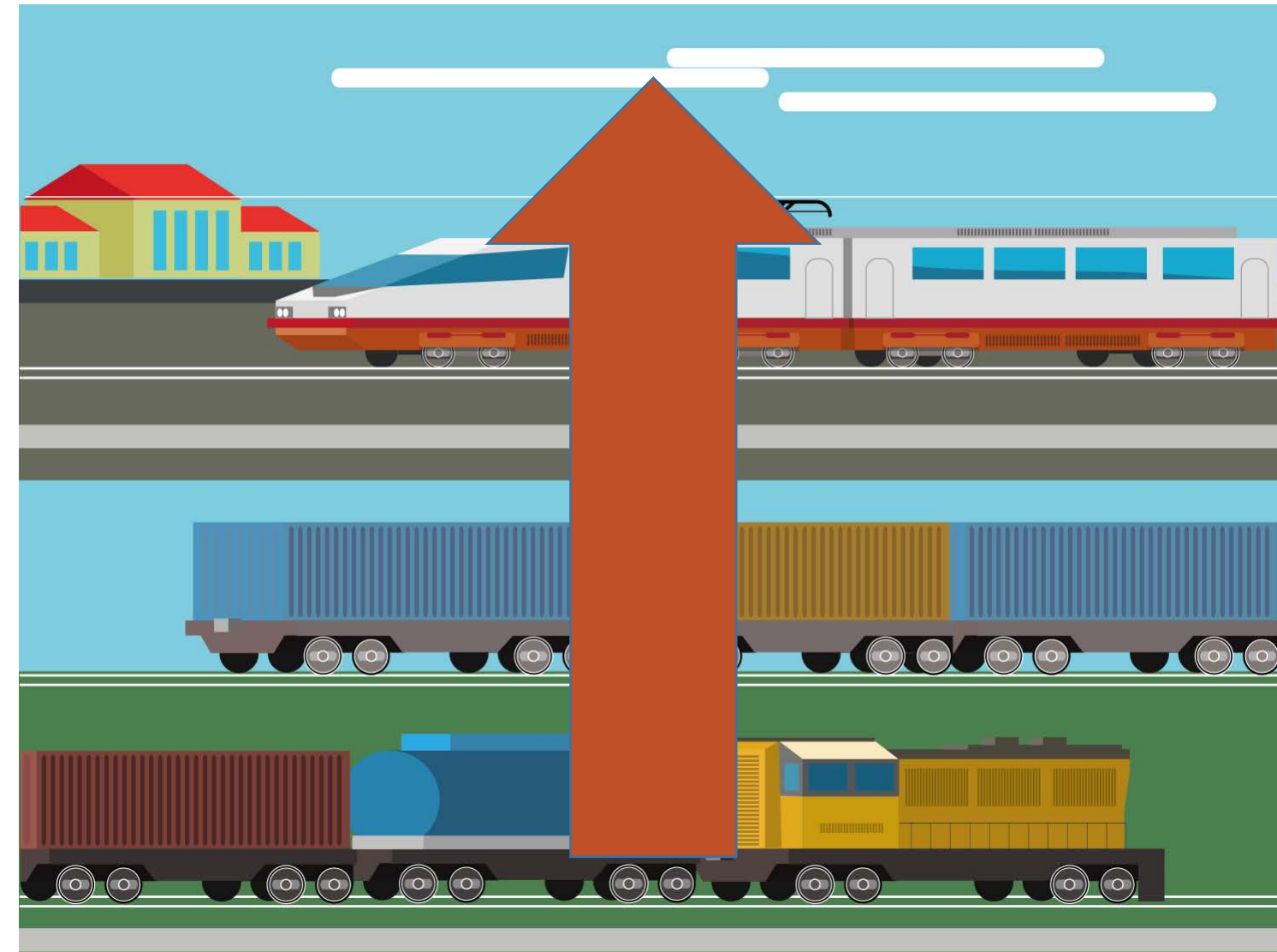
- Environmental project approval streamlined (improved transparency)
- Project review process
  - Permits concurrent (at the same time) reviews by different federal agencies
  - Requires early feedback from review agencies
  - Courts must take job creation into account before issuing a stay (pause) on a project

Highway Funding Levels  
FY2006-FY2020





# RAIL





COMMITTED TO IMPROVING THE STATE OF THE WORLD

The Global Competitiveness Report  
2015-2016  
2.03 Quality of ports

|    |                |
|----|----------------|
| 1  | Japan          |
| 2  | Switzerland    |
| 3  | Hong Kong SAR  |
| 4  | Spain          |
| 5  | Finland        |
| 6  | France         |
| 7  | Netherlands    |
| 8  | Singapore      |
| 9  | Germany        |
| 10 | Korea, Rep.    |
| 11 | Chinese Taipei |
| 12 | Austria        |
| 13 | Malaysia       |
| 14 | Luxembourg     |
| 15 | United States  |

# RAIL

## F.A.S.T. Act

**\$8.1 billion for Amtrak through 2020 under a new structure**

**\$2.2 billion over five years for three new competitive rail development grant programs**

- *Consolidated Rail Infrastructure and Safety Improvements-*
- *Federal-State Partnership for State of Good Repair*
- *Restoration and Enhancement Grants*

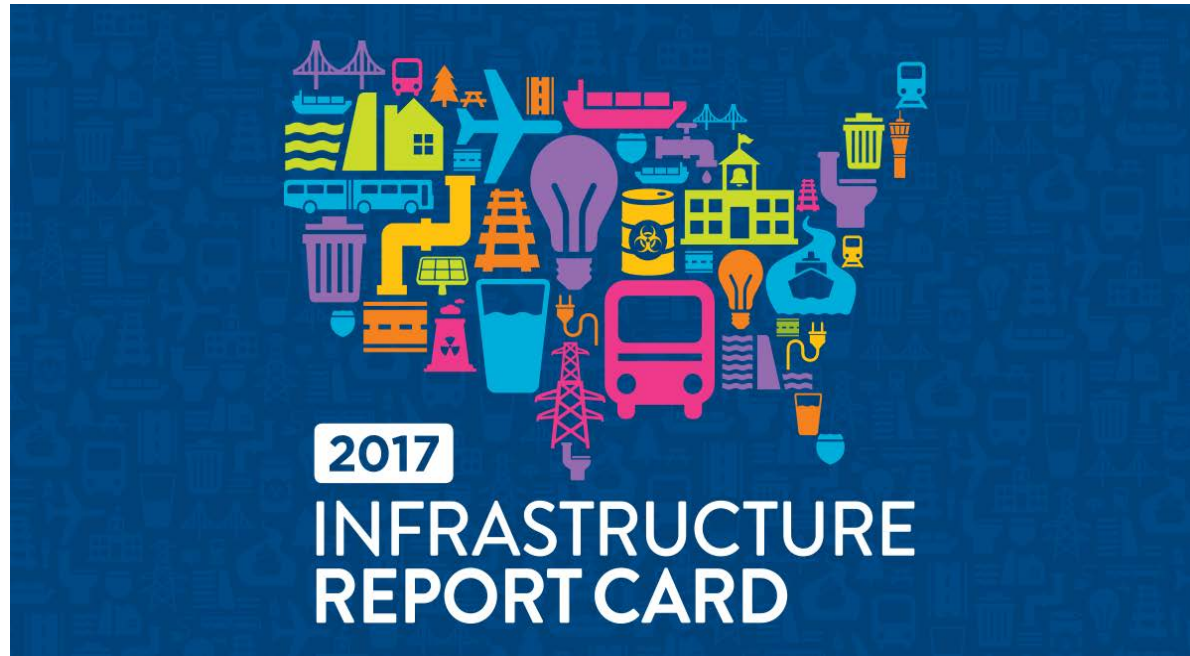
**Railroad Rehabilitation and Improvement Financing (RRIF) Program**

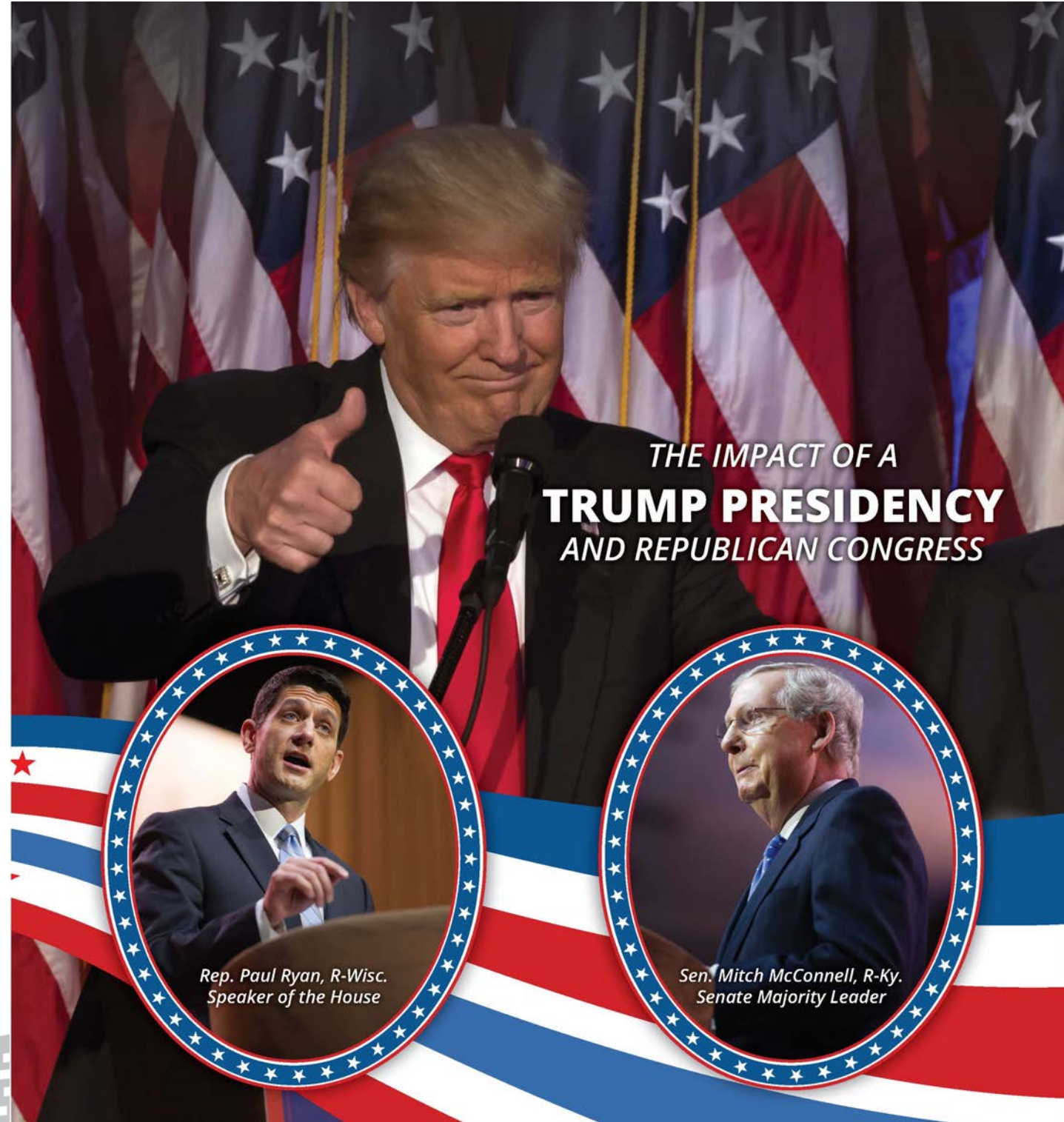


# WHAT WILL IT COST?

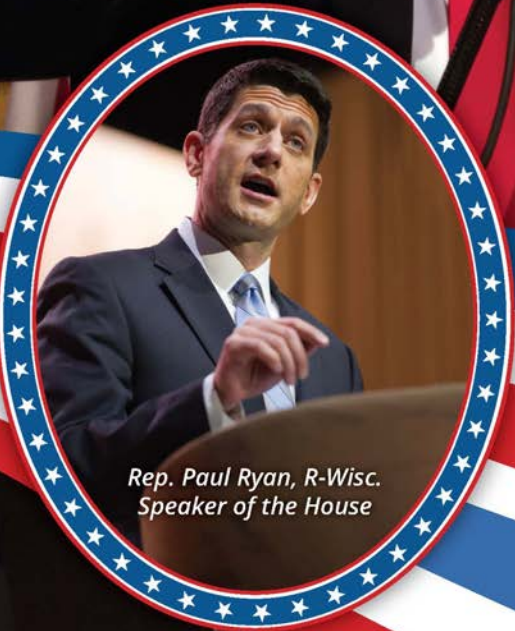


**\$4.6 trillion**

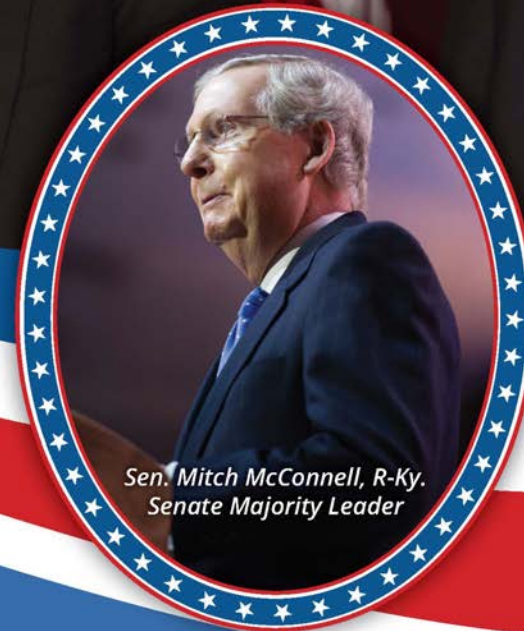




*THE IMPACT OF A*  
**TRUMP PRESIDENCY**  
*AND REPUBLICAN CONGRESS*



*Rep. Paul Ryan, R-Wisc.  
Speaker of the House*



*Sen. Mitch McConnell, R-Ky.  
Senate Majority Leader*

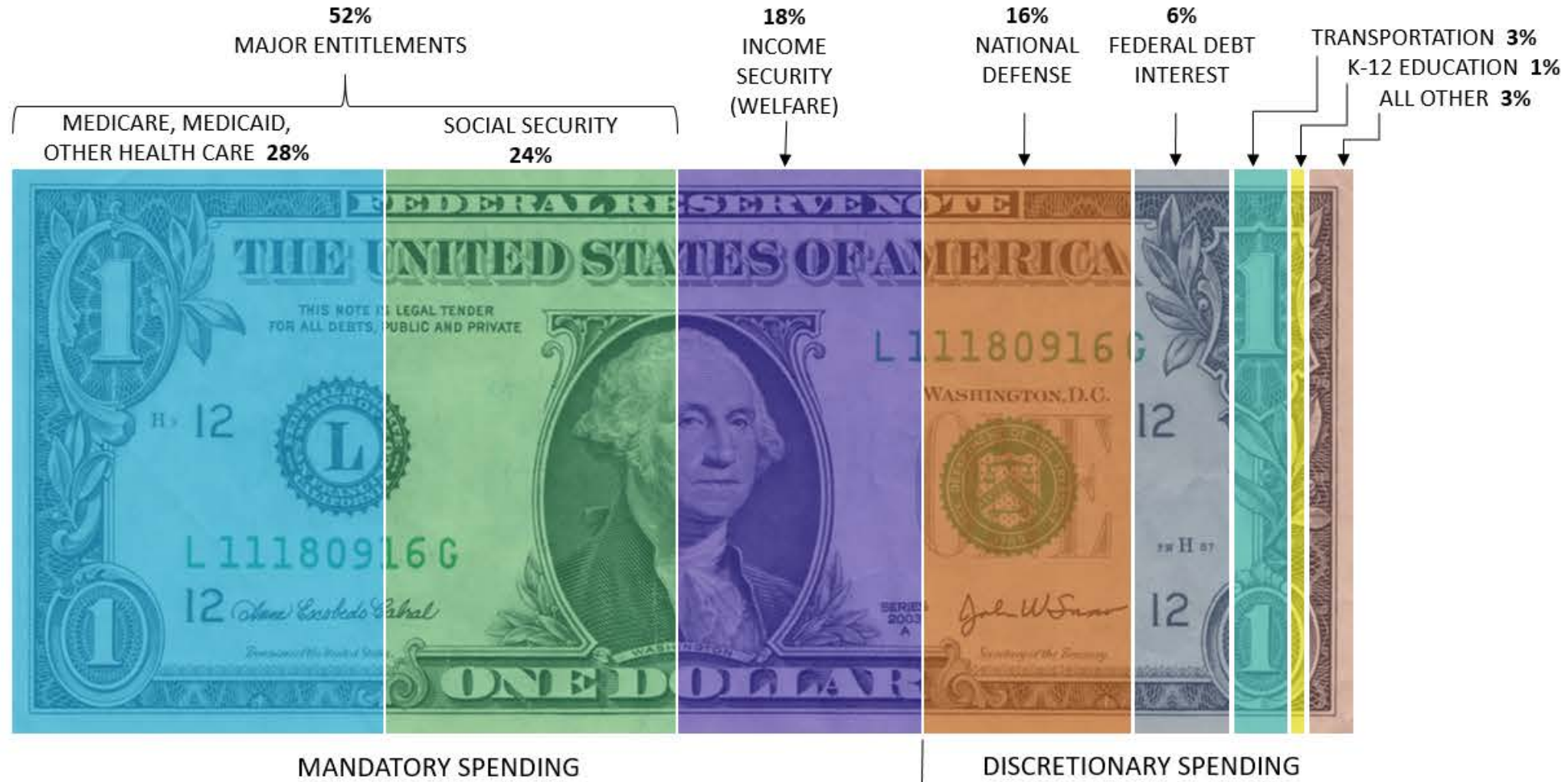




\$1,000,000,000,000



# FEDERAL BUDGET '15





**I WANT YOU**

# NSSGA

NATIONAL STONE, SAND  
& GRAVEL ASSOCIATION

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