

Failure to Act: The Economic Impact of Current Infrastructure Investment on America's Economic Future

2013

**REPORT
CARD**

★ for **america's**
★ **INFRASTRUCTURE**

2013 | REPORT CARD | for *** america's INFRASTRUCTURE

- 16 graded categories
- 50 state profiles
- 100+ infrastructure success stories
- Infrastructure news
- Category videos



WWW.INFRASTRUCTUREREPORTCARD.ORG

What are the Results?

Aviation	D
Bridges	C+
Dams	D
Drinking Water	D
Energy	D+
Hazardous Waste	D
Inland Waterways	D-
Levees	D-
Ports	C
Public Parks and Recreation	C-
Rail	C+
Roads	D
Schools	D
Solid Waste	B-
Transit	D
Wastewater	D
America's Cumulative G.P.A.	D+

D+

AMERICA'S CUMULATIVE
INFRASTRUCTURE G.P.A.

NEGATIVE

- Continued lack maintenance and investment.
- Backlog of projects keeps growing.
- Two categories received a grade of “D-”: levees and inland waterways.

Courtesy of Flickr/Corey Leopold

What are the Results?

Aviation	D
Bridges	C+ ↑
Dams	D
Drinking Water	D ↑
Energy	D+
Hazardous Waste	D
Inland Waterways	D-
Levees	D-
Ports	C
Public Parks and Recreation	C-
Rail	C+ ↑
Roads	D ↑
Schools	D
Solid Waste	B- ↑
Transit	D
Wastewater	D ↑
America's Cumulative G.P.A.	D+ ↑

D+

AMERICA'S CUMULATIVE
INFRASTRUCTURE G.P.A.

POSITIVE

- Improvements in six sectors:
 - Roads
 - Bridges
 - Solid waste
 - Drinking Water
 - Wastewater
 - Railroads
- Greater private investment and targeted efforts; short-term boost in fed funding.

Courtesy of Flickr/Corey Leopold

CUMULATIVE INFRASTRUCTURE NEEDS BY SYSTEM BASED ON CURRENT TRENDS EXTENDED TO 2020

DOLLARS IN \$2010 BILLIONS

Surface Transportation¹

\$1,723

\$877

\$846

Water/Wastewater Infrastructure¹

\$126

\$42

\$84

Electricity¹

\$736

\$629

\$107

Airports^{1,2}

\$134

\$95

\$39

Inland Waterways & Marine Ports¹

\$30

\$14

\$16

Dams³

\$21

\$6

\$15

Hazardous & Solid Waste⁴

\$56

\$10

\$46

Levees⁵

\$80

\$8

\$72

Public Parks & Recreation⁶

\$238

\$134

\$104

Rail⁷

\$100

\$89

\$11

Schools⁸

\$391

\$120

\$271

TOTALS

\$3,635

\$2,024

\$1,611

YEARLY INVESTMENT NEEDED

\$454

\$253

\$201

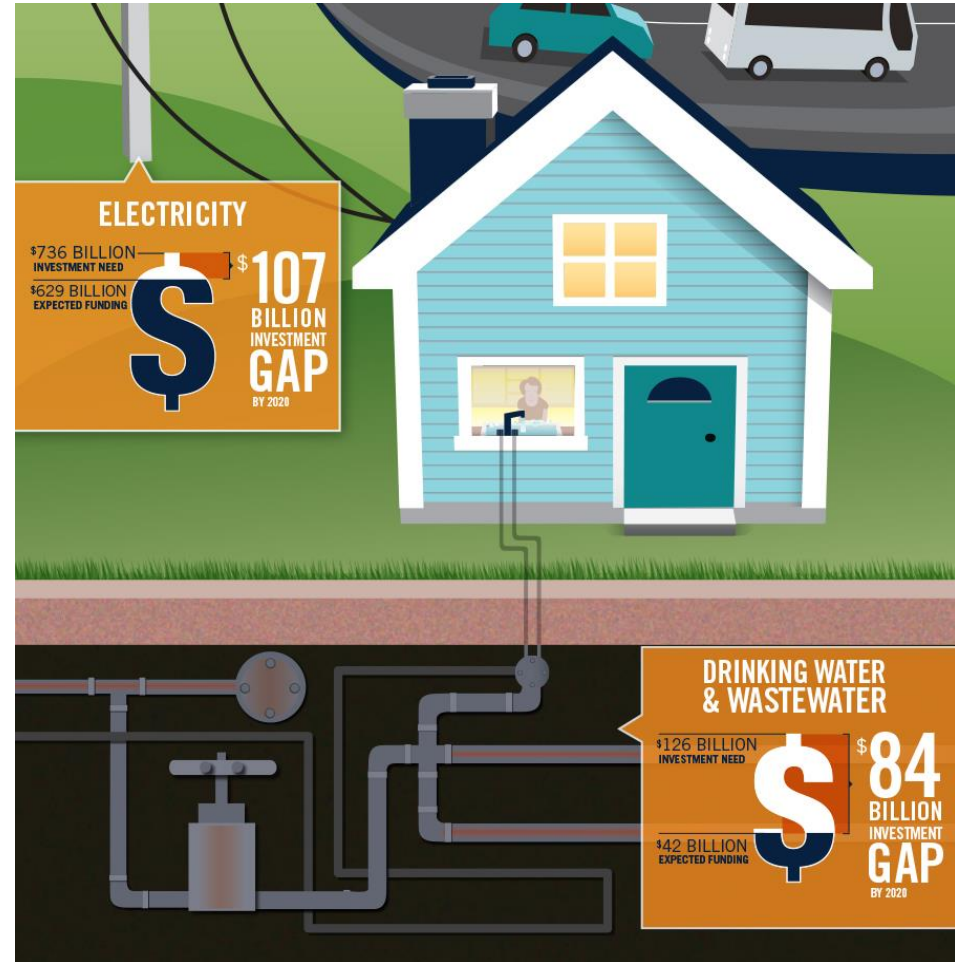
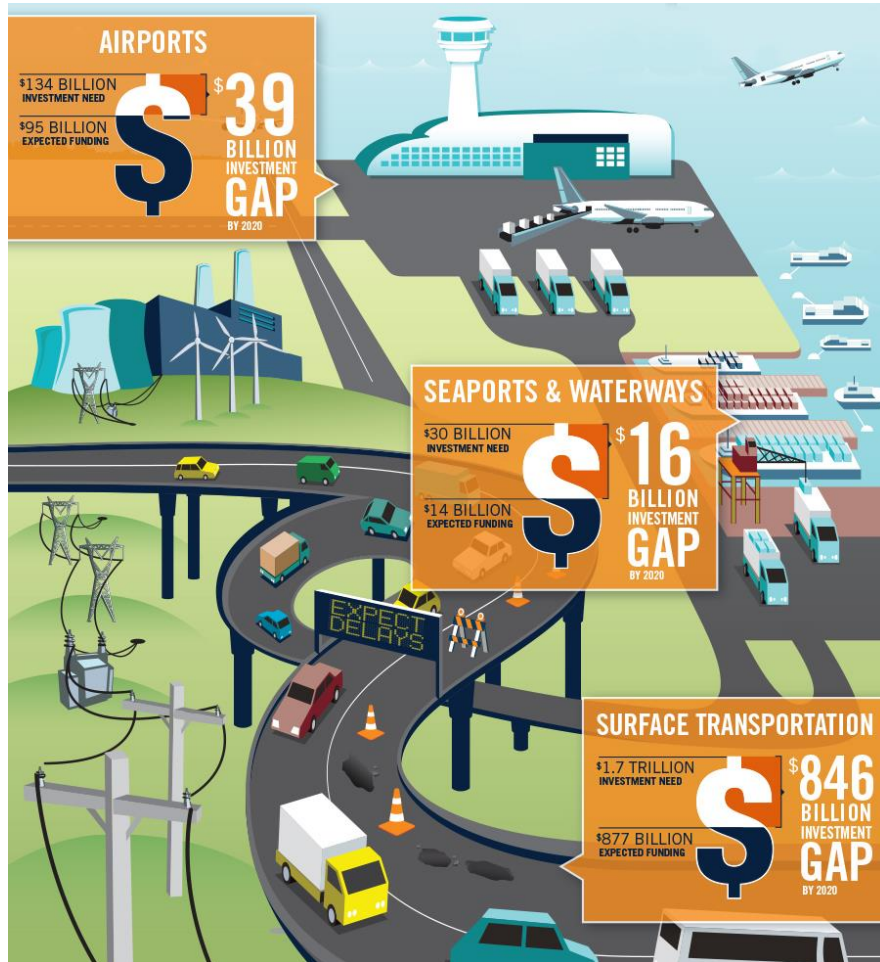
\$3.6 TRILLION



■ Current Funding

■ Funding Gap

Major Sectors Face Funding Shortfalls



Gap as Percentage of Total Needs



Specific Economic Impacts by 2020

	 Surface Transportation	 Airports	 Inland Waterways & Marine Ports	 Electricity	 Water/ Wastewater
Business Sales (billions)	\$1,700	\$580	\$1,335	\$847	\$734
GDP (billions)	\$897	\$313	\$697	\$496	\$416
Jobs (in the year 2020)	877,000	350,000	738,000	529,000	669,000
Disposable Income (billions)	\$930	\$361	\$872	\$656	\$541
Value of Exports (billions)	\$114	\$54	\$270	\$51	\$20

What happens without investment?

BY INVESTING AN ADDITIONAL
\$157B PER YEAR THROUGH 2020,
WE CAN PREVENT:

\$3.1 Trillion

loss in GDP

\$1.1 Trillion

loss in total trade

\$3,100

per year drop in personal
disposable income per
household

\$2.4 Trillion

drop in consumer
spending

3.5 Million

job losses



**ROUGH
ROAD
AHEAD**



Questions?

Learn more at

www.asce.org/failuretoact

www.infrastructurereportcard.org

or email

reportcard@asce.org

