

DELIVERING FOR AMERICA & MICHIGAN

Michigan households and businesses benefit from reinvesting in America's infrastructure systems



Investing in the nation's infrastructure benefits America.

Increasing investment in the nation's public infrastructure systems to return them to a state of good repair, expand capacity to meet future demand, and support innovative solutions to future challenges is good for the country and for Michigan. Renewing infrastructure investment will put thousands of dollars into the pockets of American households, drive productivity and boost growth, and support expanded private investment.

Return on
U.S. Investment
\$3.70

Return on every additional
\$1 invested in infrastructure
over 20 years

Long-Term
U.S. GDP
+\$5.9Tril

Additional real
economic output
over 20 years

U.S. Average
Real Wages
+\$1.34/hr

Additional average
real hourly wages
after 20 years

U.S. Private
Investment
+\$1.9Tril

Additional private
investment over
20 years



Investing in the nation's infrastructure benefits Michigan.

Benefits for Michigan Households

Infrastructure investment increases real disposable income for Michigan households.



+\$1,000 average more per year over 20 years

+\$20,700 more in total over 20 years

Benefits for Michigan Workers

Infrastructure investment creates more jobs for Michigan workers.



+24k additional Michigan jobs by 2028

Benefits for Michigan Businesses

Infrastructure investment drives productivity and boosts output in Michigan industries.

20-year Cumulative Addition to Real Output for Top Michigan Industries (2018\$)



+\$86B

Other Services*
(includes personal
and non-tradable
services)



+\$66B

Durables
Manufacturing



+\$39B

Transportation
Equipment
Manufacturing



Read the full report at: brt.org/delivering-for-america

*Other Services is comprised of personal and non-tradable services, including repair and maintenance, personal care and laundry services, religious and grantmaking organizations, and household services.

THE COSTS OF INACTION

Failure to take action to renew investment in the nation's infrastructure imposes real and painful costs on Michigan and the country.

Failure to invest in infrastructure hurts system performance

- 44%** of the country's major roads are in **poor or mediocre condition**.
- 23%** of bridges in the national highway system are either **structurally deficient** or **functionally obsolete**.
- 144k** hours of **lock shutdowns** along U.S. waterways occurred due to maintenance and unexpected delays in 2016.

Failure to invest in infrastructure costs households + businesses

- \$960** cost of congestion on major urban roadways to the **average commuter**.
- \$27 B** additional annual transportation costs to **American businesses** from inadequate infrastructure.
- \$36 B** cost to the **U.S. economy** of domestic plane travel avoided due to prior air travel complications.
- 3.8 B** gallons of **wasted fuel** in 2020 if infrastructure policies and funding remain at their recent levels.

 **The time to renew investment in the nation's infrastructure is now.**

1. TRIP. (2018, September). Key facts about America's surface transportation system and federal funding, p. 2.
2. U.S. Department of Transportation, Bureau of Transportation Statistics. (2017). Transportation statistics annual report 2017, p. 1-6.
3. U.S. Department of Transportation, Bureau of Transportation Statistics. (2017). Transportation statistics annual report 2017, p. 4-1.
4. The White House. (2014, July). An economic analysis of transportation infrastructure investment, p. 2.
5. U.S. Travel Association. (2014, June). Survey: Flying hassles keep travelers at home.
6. Texas A&M Transportation Institute, INRIX. (2015, August). 2015 urban mobility scorecard, p. 5.
7. Texas A&M Transportation Institute, INRIX. (2015, August). 2015 urban mobility scorecard, pp. 5, 11.