



HEALTHY SAVINGS: MEDICAL TECHNOLOGY & THE ECONOMIC BURDEN OF DISEASE

Study by Milken Institute. **Authors:** Anusuya Chatterjee, Jaque King, Sindhu Kubendran, and Ross DeVol. **To view the full study, visit:** <http://lifechanginginnovation.org/get-facts>

IMPACT OF HEART DISEASE

CAUSES= **600,000**
deaths per year
in the U.S.

COSTS= **\$108.9**
billion
a year¹

HEALTH SYSTEM & ECONOMIC SAVINGS

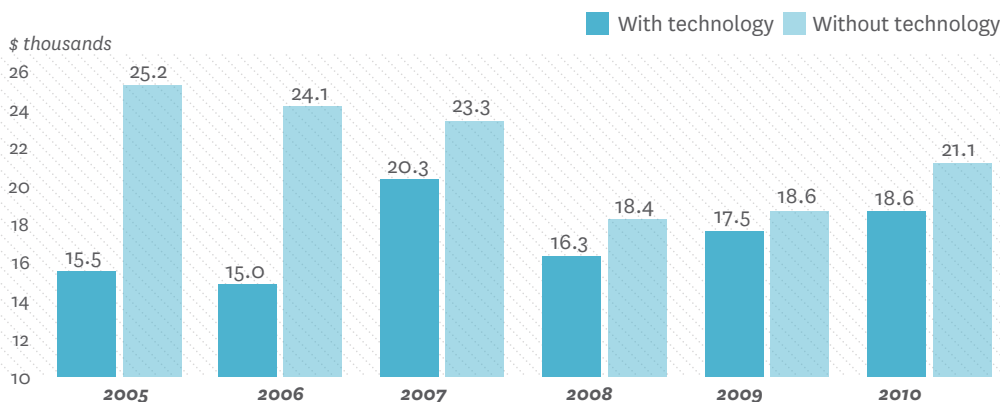
Use of diagnostic & therapeutic technologies (angioplasty, pacemakers, electrocardiograms, left ventricular ultrasound, chest x-rays) for treatment of people with heart disease generates net cost savings.

\$1,930 ↓
annual savings /person affected

\$1.5B ↑
increased tax revenue

ECONOMIC IMPACT OF HEART DISEASE, 2005-2010*

Per Person Affected



* Includes treatment expenditures and indirect impacts.

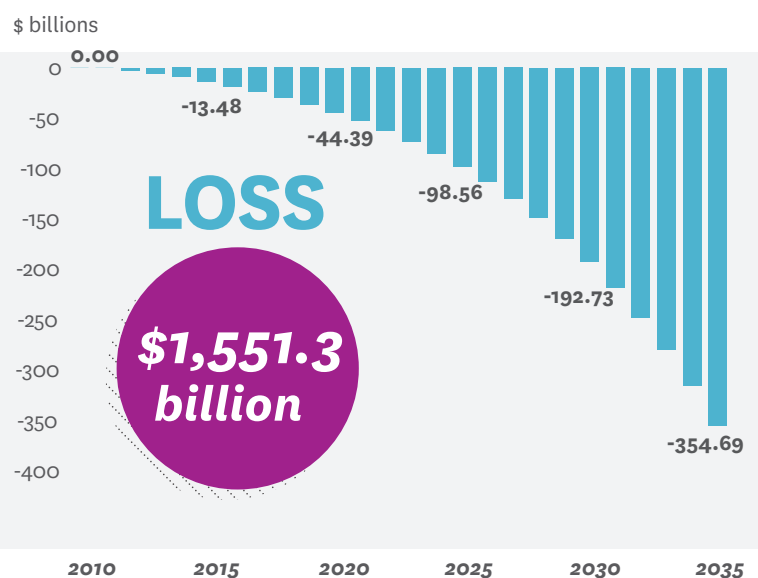
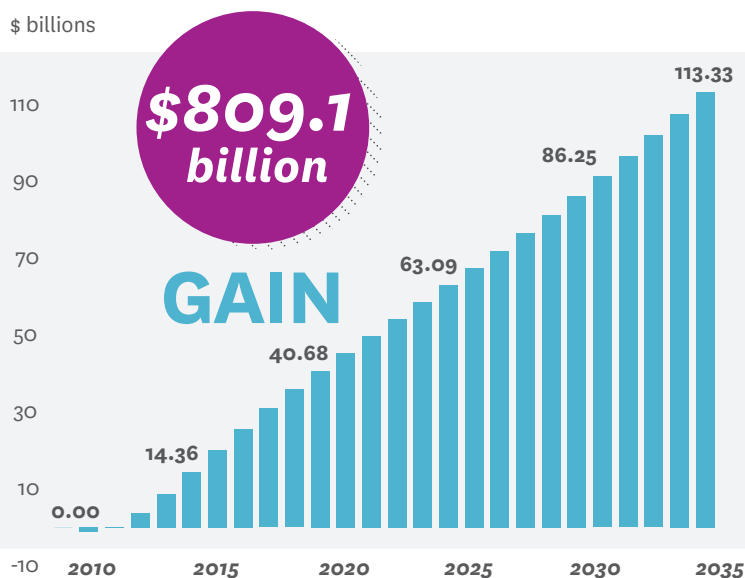
AVERAGE ANNUAL ECONOMIC IMPACT 2008-2010 (\$)

with technology	\$17,441.3
without technology	\$19,371.6
Average savings	\$1,930.3

THE FUTURE

Increased incentives for medical technology investment used to treat heart disease will generate even larger net savings over time.

Reduced incentives for medical technology used to treat heart disease will result in larger net costs.



1. Heidenreich PA, Trogon JG, Khavjou OA, et al. Forecasting the future of cardiovascular disease in the United States: a policy statement from the American Heart Association. *Circulation*. 2011;123:933-44. Epub 2011 Jan 24.