

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>

DIABETES

Insulin Pump use



\$5,886 annual savings /person affected
\$34.9M increased tax revenue

MUSCULOSKELETAL DISEASE

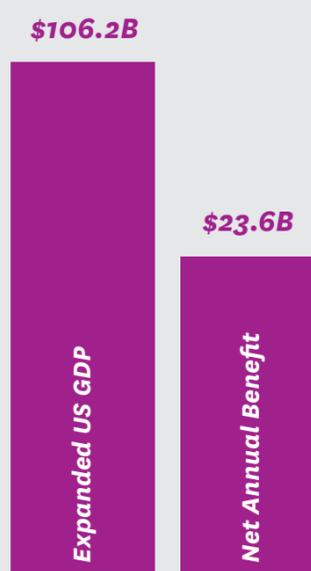
MRI & Joint Replacement Surgery



\$24,518 annual savings /person affected
\$3.8B increased tax revenue



THE USE OF KEY MEDICAL TECHNOLOGIES IN FOUR DISEASE AREAS EXPANDED U.S. GDP BY \$106.2B IN 2010 AND PROVIDED A NET ANNUAL BENEFIT OF \$23.6 B TO THE ECONOMY



HEART DISEASE

Diagnostic/Angioplasty/Pacemaker use



\$1,930 annual savings /person affected
\$1.5B increased tax revenue

COLORECTAL CANCER

Sigmoidoscopy/Colonoscopy

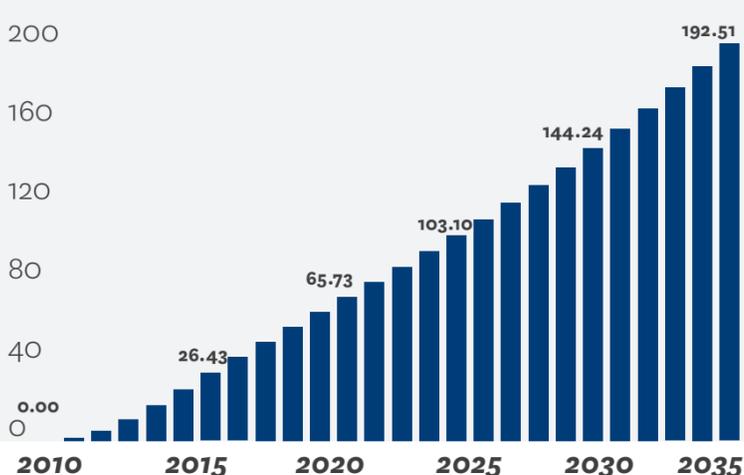


\$150,365 annual savings /person affected
\$1.8B increased tax revenue

FUTURE HEALTH SYSTEM & ECONOMIC SAVINGS

INCREASED INCENTIVES FOR MEDICAL TECHNOLOGY INVESTMENT WILL GENERATE EVEN LARGER NET SAVINGS OVER TIME.

\$ billions



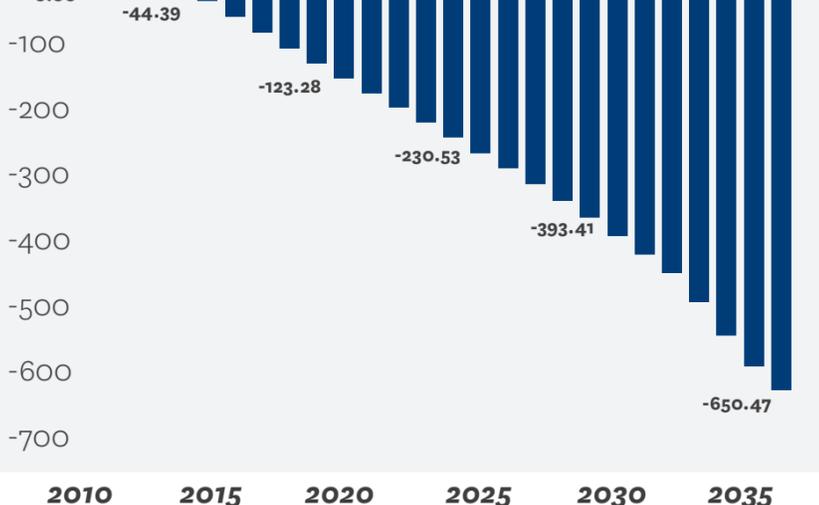
\$1.4T
GAIN

REDUCED INCENTIVES FOR MEDICAL TECHNOLOGY WILL RESULT IN LARGER NET COSTS.

\$3.4T

LOSS

\$ billions



WHAT THIS STUDY MEANS

The medical technologies studied generated economic returns that were substantially greater than their costs, meaning that advanced medical devices and diagnostics not only bring immense benefit to individual patients, but a brighter economic future for the country as a whole.

Continued investment in medical devices and diagnostics, and policies that support enhanced investment, will generate even larger net savings over time. Conversely, reduced incentives will result in large net costs.