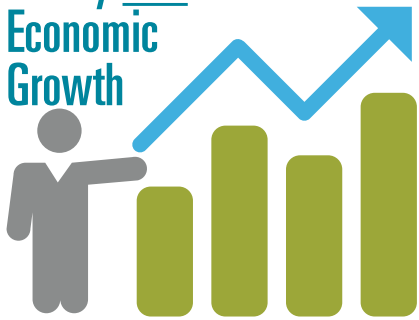


Rising Tide of Medical Innovation Lifts all Boats

New drugs, devices and diagnostics have a profound impact on both health and the economy.

Biomedical Innovation Boosts Our Economy

Nearly Half of All Economic Growth



has been generated through biomedical successes since the 1960s¹

Reduced Cancer Death Rate

HAS SAVED
43 Million
Life Years
Since 1990

adding
\$4.7 Trillion
in Economic Activity²

The societal value of HIV/AIDS drugs

Has Exceeded
\$1.3 Trillion³



New Approaches to Care Stretch Healthcare Budgets

New Medicines Reduced Hospital Stays

X	X	X	X	X	X	X	X
X	X	X	X	X	13	14	
15	16	17	18	19	20	21	
22	23	24	25	26	27	28	

an Average of 12%⁴

FEWER HOSPITAL DAYS

1980-2010:
medical technology
reduced days in
hospital

59%⁸

Allowing Medicare Part D to cover obesity drugs could

save
\$11.4
Billion
over 75
years

in healthcare costs⁷

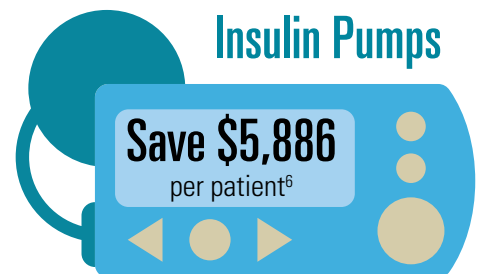
Screening for colorectal cancer has



Prevented 550,000 cancers⁵

Insulin Pumps

Save \$5,886
per patient⁶



Alzheimer's Disease

The number of Americans with Alzheimer's will increase from 5.1 million in 2015 to 13.5 million in 2050⁹

5.1M

2015

13.5M

2050

In 2050, the annual cost of Alzheimer's care will exceed

\$1.1 Trillion⁹



A drug that delayed onset by 5 years would save \$367 billion⁹

#medicalinnovation



California Life Sciences Association

@CALifeSciences

Sources: ¹Journal of Political Economics, ²Columbia University & National Bureau of Economic Research, ³Forum for Health Economics & Policy, ⁴Center for Economic Studies & Ifo Institute for Economic Research, ⁵ASCO, ⁶AdvaMed & Milken Institute, ⁷Robert Wood Johnson Foundation, ⁸National Center for Health Statistics, ⁹Alzheimer's Association.

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