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READ THE REPORT

Primary Prevention of Cardiovascular Disease

We compared the health-adjusted life expectancy, caregiving needs, medical costs, and workforce participation between a person at high risk for cardiovascular disease (CVD) and a comparable person from the US general population. The differences between the two represent the unmet need and define the opportunity for innovation in the primary prevention of CVD.

PATIENT OPPORTUNITY

Increase health-adjusted life expectancy

1.5 discounted health-adjusted life years to recover

$650K-$2.1M
value from improved health per person at high risk for CVD

CAREGIVER OPPORTUNITY

Free up time spent providing care

95 hours of disease-related caregiving time to free up

$1.3K
CVD-related caregiving time to free up

HEALTH SYSTEM OPPORTUNITY

Reduce disease-related medical costs

$36K net medical cost savings after accounting for added costs of living longer

$90K
CVD-related medical costs to avoid

ECONOMIC OPPORTUNITY

Restore workforce productivity

0.2 full-time-equivalent years of productivity to recover

$23K
additional paid labor production

ANALYTIC APPROACH AND CONTEXT

The report is about the broader progress that innovation in the primary prevention of CVD could provide, not about the reimbursement or pricing of specific therapeutics. The analysis compares estimated outcomes for a person at high risk for CVD (i.e., approximate 20% probability of a cardiovascular event within 10 years) with an LDL cholesterol level of at least 90 mg/dL while receiving a generic lipid-lowering therapy to a comparable person in the general US population. Gaps in health-adjusted life expectancy, caregiving, medical costs, and workforce participation were monetized and discounted at a 3% discount rate. All monetary estimates are in 2025 US dollars. Importantly, societal value estimates by stakeholder group may not be additive, this not a comprehensive assessment of all societal impacts of CVD, and the interpretation of caregiver time findings are subject to important data limitations. Read the full report for more information.

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Disclosures

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