Public Health Implications of Government Spending Reductions

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Across the United States, concerns over budget deficits and a weak economy have prompted federal, state, and local governments to propose controversial spending reductions to balance their budgets. Debates and protests incited by these decisions dominate the news, but what is their relevance to medicine? The reflexive answer might be that government spending policies are relevant if they compromise health care services, essential public health programs, or biomedical research. However, the biggest threat to public health may come from funding cuts outside the health sector. Namely, budget decisions that affect basic living conditions—removing opportunities for education, employment, food security, and stable neighborhoods—could arguably have greater disease significance than disruptions in health care.

Health status is determined by more than health care. Education, income, and the neighborhood environment exert great influence on the development of disease—perhaps more than interventions by physicians or hospitals.1 Consider the role of education. In 2007, adults with a bachelor’s degree were 4 times less likely to report fair or poor health than those without a high school education.2

The prevalence of diabetes among adults without a high school diploma was 13.2%, more than double the prevalence among adults with a bachelor’s degree (6.4%).2 In 2008-2009, the risk of stroke was 80% higher among adults who lacked a high school diploma than among those with some college education.3 At age 25, life expectancy is at least 5 years longer among college graduates than among those who did not complete high school.4

The core argument of fiscal conservatives is that difficult budget decisions and fiscal discipline are necessary for the economy—a worthy principle for many spending areas. However, fiscal discipline loses its logic when spending reductions lead to greater illness and thereby increase health care costs. Any policy that increases disease burden is a threat to the economy because medical spending is so costly to government and employers. Medicare, Medicaid, and children’s health insurance consume 23% of the federal budget.5 Health care costs are complicating efforts to balance state budgets, operate businesses, and compete in the global marketplace. The need to control medical cost inflation is a mounting national priority, one that argues against budgetary policies that would increase morbidity, heighten demand on the system, and drive up medical spending.

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That unwanted scenario is a potential outcome of the more austere budget cuts under current consideration, many of which would impose economic strain on families, weaken support for education, and allow neighborhood living conditions to become more unhealthy. The effect of these conditions on health, relative to medical care, is often underestimated. According to one estimate, giving every adult the mortality rate of those who attend college would save 7 times as many lives as those saved by biomedical advances. It has been estimated that 25% of all deaths in Virginia between 1990 and 2006 might not have occurred if the entire population had experienced the mortality rate of those who lived in the state’s most affluent counties and cities.

In the United States, the adverse socioeconomic conditions that are linked with mortality have become more prevalent in the past decade, especially with the economic recession. Between 2007 and 2009, median household income decreased from $51,965 to $49,777, down from a peak of $52,388 in 1999. Between 2000 and 2009, the number of households with food insecurity increased from 10 million to 17 million. The percentage of individuals with severe housing costs burdens (spending more than 50% of their income on housing) increased from 13% in 2001 to more than 18% in 2009. The number of homeless individuals in families requiring shelters or transitional housing increased from 474,000 in 2007 to 535,000 in 2009. The poverty rate increased from 11.3% in 2000 to 14.3% in 2009, its highest percentage since 1994 and the largest absolute number on record.

It is reasonable to predict that the population’s exposure to these conditions will eventually result in some increase in the prevalence and severity of major illnesses, a trend that would place greater demands on the health care system. Already, emergency departments and hospitals are noting the recession’s effect on admissions for uncontrolled diabetes and heart failure. Lasting effects may take years to document. Many of today’s children could endure greater illness decades hence and a shorter life expectancy because they grew up during current conditions. This dismal forecast bears attention from health care leaders, who must prepare capacity plans for the wave of patients that a distressed economy would push into the system, and from politicians and economists, who must consider how that care will be financed by a system already too expensive to sustain.

Amid these conditions, it is fair to ask whether now is the right time to cut programs that sustain living conditions for good health and that protect US residents from losing their jobs, income, education, and food. The answer may be disappointing, as the downstream effects on illness and spending may not be enough to outweigh the budgetary pressures of the present, but the question should at least be posed and the tradeoffs discussed. Too often, policy makers and the public fail to recognize the connection between social and health policies, and this seems true again as proponents and critics of current budget reforms wage their debate. When policies could claim lives, exacerbate illnesses, and worsen the economic crisis, these ramifications should at least be discussed.

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**REFERENCES**