



Perspective

Ranking 37th — Measuring the Performance of the U.S. Health Care System

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Evidence that other countries perform better than the United States in ensuring the health of their populations is a sure prod to the reformist impulse. The World Health Report 2000, *Health Systems: Improving*

Performance, ranked the U.S. health care system 37th in the world¹ — a result that has been discussed frequently during the current debate on U.S. health care reform.

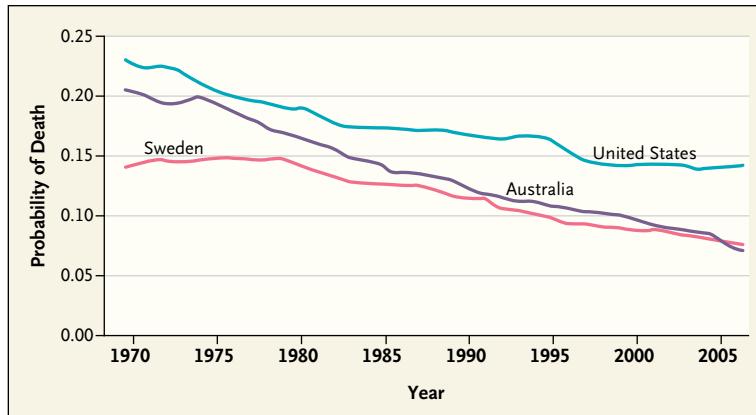
The conceptual framework underlying the rankings² proposed that health systems should be assessed by comparing the extent to which investments in public health and medical care were contributing to critical social objectives: improving health, reducing health disparities, protecting households from impoverishment due to medical expenses, and providing responsive services that respect the dignity of patients. Despite the limitations of the available data, those who compiled the report undertook the task of applying

this framework to a quantitative assessment of the performance of 191 national health care systems. These comparisons prompted extensive media coverage and political debate in many countries. In some, such as Mexico, they catalyzed the enactment of far-reaching reforms aimed at achieving universal health coverage. The comparative analysis of performance also triggered intense academic debate, which led to proposals for better performance assessment.

Despite the claim by many in the U.S. health policy community that international comparison is not useful because of the uniqueness of the United States, the rankings have figured prominently in

many arenas. It is hard to ignore that in 2006, the United States was number 1 in terms of health care spending per capita but ranked 39th for infant mortality, 43rd for adult female mortality, 42nd for adult male mortality, and 36th for life expectancy.³ These facts have fueled a question now being discussed in academic circles, as well as by government and the public: Why do we spend so much to get so little?

Comparisons also reveal that the United States is falling farther behind each year (see graph). In 1974, mortality among boys and men 15 to 60 years of age was nearly the same in Australia and the United States and was one third lower in Sweden. Every year since 1974, the rate of death decreased more in Australia than it did in the United States, and in 2006, Australia's rate dipped lower than Sweden's and was 40% lower than the U.S. rate. There



Probability of Death for Boys and Men 15 to 60 Years of Age in Sweden, Australia, and the United States, 1970–2007.

Data are from the Australian Bureau of Statistics, the U.S. National Center for Health Statistics, and the World Health Organization.

are no published studies investigating the combination of policies and programs that might account for the marked progress in Australia. But the comparison makes clear that U.S. performance not only is poor at any given moment but also is improving much more slowly than that of other countries over time. These observations and the reflections they should trigger are made possible only by careful comparative quantification of various facets of health care systems.

The current proposals for U.S. health care reform focus mostly on extending insurance coverage, decreasing the growth of costs through improved efficiency, and expanding prevention and wellness programs. The policy debate has been overwhelmingly centered on the first two of these elements. Achieving universal insurance coverage in the United States would protect households against undue financial burdens at the same time that it was saving an estimated 18,000 to 44,000 lives.^{4,5} However, narrowing the gap in health outcomes between the United States and other high-income

countries or even slowing its descent in the rankings would require much more than insurance expansion. Given the vast number of preventable deaths associated with smoking (465,000 per year), hypertension (395,000), obesity (216,000), physical inactivity (191,000), high blood glucose levels (190,000), high levels of low-density lipoprotein cholesterol (113,000), and other dietary risk factors, there are huge opportunities to enact policies that could make a substantial difference in health system performance — and in the population's health.⁴ More investments that are targeted at promoting proven strategies — including tobacco taxation and smoking-cessation programs, screening and treatment for high cholesterol and blood pressure, banning of trans fat, creating incentives for people to engage in physical activity, and subsidizing the cost of consumption of n-3 fatty acids — could dramatically reduce mortality and enhance the performance of the U.S. health care system.

Of course, international comparisons are not the only rank-

ings that should inform the debate about reforming the health care system. Within the United States, there are dramatic variations among regions and racial or ethnic groups in the rates of death from preventable causes. While aiming to provide solutions to the problems of incomplete insurance coverage and inefficiency of care delivery, health care reformers have given insufficient attention to the design, funding, and evaluation of interventions that are tailored to local realities and address preventable causes of death. The big picture — the poor and declining performance of the United States, which goes far beyond the challenge of universal insurance — will inevitably get lost if we do not routinely track performance and compare the results both among countries and among states and counties within the United States.

Although many challenges remain, the available methods and data are better now than they were when the World Health Organization's rankings were determined. As part of its reform efforts, the U.S. government should support and participate in international comparisons while commissioning regular performance assessments at the state and local levels.

Experience has shown that whenever a country embarks on large-scale reform of its health care system, periodic evaluations become a key instrument of stewardship to ensure that initial objectives are being met and that midcourse corrections can be made in a timely and effective manner. To be valid and useful, such evaluations cannot be an afterthought that is intro-

duced once reform is under way. Instead, scientifically designed evaluations must be an integral part of the design of reform. For instance, the recent Mexican reform adopted from the outset an explicit evaluation framework that included a randomized trial to compare communities that were introducing insurance in the first phase of reform with matched communities that were scheduled to adopt the plan later. This external evaluation was coupled with internal monitoring meant to enable policymakers to learn from implementation.

In addition to its technical value, the explicit assessment of reform efforts contributes to transparency and accountability.

Such assessments can also boost popular support for reform initiatives that inevitably stir up fears of the unknown. In the polarized political climate surrounding the current U.S. health care reform debate, the prospect of periodic evaluations may help reformers to counter many objections by offering a transparent and timely way of dealing with unintended effects. Built-in evaluations may be the missing ingredient that will allow us to finally reform health care in the United States.

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