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A moving target: Universal access to healthcare services in Latin America and the Caribbean

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A MOVING TARGET: UNIVERSAL ACCESS TO HEALTHCARE SERVICES IN LATIN AMERICA AND THE CARIBBEAN

BY

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SOCIAL INSIGHT

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Abstract*

Healthcare services are more widespread in Latin America and the Caribbean today than 50 years ago, yet this availability is not necessarily reflected in popular perceptions. This study documents the expansion of healthcare services in the Region in terms of medically-trained professionals, service utilization, and insurance eligibility. It finds that people in countries with more doctors have a more positive view of access to healthcare and greater confidence in the healthcare system. However, other factors intervene in this relationship between perceptions and objective indicators, such as the strength of local social networks and wealth. As a consequence of rising expectations, differential access and continuing discontent, public policy can be driven by factors that are least likely to improve the population's health.

Keywords: Health Care, Health Financing, Access, Happiness, Health Policy, Latin America, Caribbean.

JEL Classification: I18, I11, N96

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1. Introduction

Good health is so essential to a good life that people demand access to services that will maintain it. More than a dozen countries in Latin America and the Caribbean have responded to the political manifestation of this desire by guaranteeing access to healthcare services in their Constitutions. However, the definitions of access are often vague and the State's ability to comply with this requirement is frequently limited (Penchansky and Thomas, 1981).

Access to healthcare services can be defined in many ways. Some definitions focus on whether people are actually using services—utilization serving as a proxy for access. Others focus on health insurance coverage or eligibility to receive health care services if a person were to fall ill. Still others focus on the probability that someone can get a health care service when they need it; and others focus on the individual's perception of whether or not they can get the services they want. In general, access to health care services in terms of utilization, eligibility and the probability of getting a needed services have all improved in the Region over the last 50 years. While the expansion of access in numerical terms is itself remarkable, it may be even more remarkable to note that this increased access today includes an enormous range of new and highly effective services that were not even conceivable in the 1950s.

The one way in which access may not have increased is with regard to people's perceptions of access. Perceptions are affected by increasing numbers of health care services in two contradictory ways. Other things being equal, when a larger number of services are available to people, they will tend to think that their access has improved. However, one of those "other things" is the perception of what services *ought* to be available. So, for example, in a particular country coverage of childhood vaccines might have increased from 20 percent to 100 percent over a particular time period during which a new service, such as kidney dialysis, was also introduced. If the new service is only available to a small share of the population, people may think they have *less* access to care than before—even though the services that were rationed in the earlier period are not universal—because their standard of what *ought* to be available has changed.

This paper explores the tension between the improvements in utilization, eligibility and the probability of getting needed services on the one hand, and the perception of access to health care on the other.

2. Defining Access

While the term “access” is used ubiquitously in health policy literature, it is often left undefined. Typically, an article that aims to discuss access will quickly move toward an indicator without even defining what is meant by “access.”

One of the most common proxies used to measure access to healthcare services is utilization. Utilization may be measured by such indicators as the average number of consultations or hospital admissions. Alternatively, it may be measured by the share of the relevant population receiving particular services; for example, the share of pregnant women who get prenatal care, of children who are fully immunized, or of people with diabetes who are receiving necessary chronic care. While utilization is helpful for measuring access, it must be used with two important qualifications.

First, more utilization of health care services is not always better. In an ideal world, many health care services would be unnecessary because the conditions that require them would be prevented. In addition, when health care services improve in effectiveness, they may require fewer visits, admissions or other contacts with health professionals. Finally, health care providers may actually provide too many services or the wrong kinds—in such a case, rising utilization may suggest that “access” is improving when in fact access to necessary and appropriate services may have stagnated or declined.

The second qualification is that “access” applies not only to people who need and get services but also to the experience of people who are currently healthy and are assured they will get necessary treatment in the event of an illness or injury. Thus, utilization measures could be quite low in a particular community when people are healthy, but in a situation where illnesses or injuries increase (e.g., an epidemic or natural disaster) a well-functioning health system would respond with the appropriate services.

A second way to define and measure access to healthcare services is by considering whether people have insurance coverage or eligibility that allows them to obtain services when they need them. Thus, in countries where social security institutions enroll formal sector workers or directly provide health care services to their members, rising enrollment might be taken as a measure of increasing access.

As a measure of access, enrollment in health insurance schemes is not without its problems. Health insurance plans may have limited impact on reducing financial barriers to

getting needed healthcare services if the plan includes very few healthcare services, reimburses only a small portion of the total cost, or only covers services provided by poor quality health care providers. Having health insurance is also of little benefit to someone who lives in an area that has no medical facilities or in which facilities cannot provide care because they lack supplies or are overcrowded.

Enrollment in health insurance is also a poor measure of access because many countries have opted for health systems in which eligibility for free or subsidized care is not framed in terms of affiliation with a health plan. Many health care systems in the Caribbean have been structured as national health services. To the extent that these services have effectively provided health care, the individuals who could get access to them have been no less “covered” than someone with a social security card in some other country. Brazil explicitly adopted this approach when it created the Unified Health System in the late 1980s. For these countries, measuring “coverage” would require a more detailed analysis of which public health services were actually effective and available to the population.

The most compelling definition of access to health care is the probability that someone will receive an effective and appropriate healthcare service if necessary. If this probability is 100 percent, then access is 100 percent. The lower this probability, the less access the healthcare system provides, until reaching situations in which people have no access and this probability falls to zero.

One of the more precise definitions of access or coverage that has been proposed is to use this concept of probability and link it to the expected health gain from an intervention (Shengelia et al., 2003). Effective coverage is then defined as “the expected health gain from intervention j relative to the potential gain possible with the optimal performance of providers in a given health system.” It is affected both by the probability that an individual who needs a service will get it and that the service will be as effective as possible in light of current medical knowledge.

Shengelia et al. (2003) argue that the gap between effective coverage and full potential coverage can be decomposed into seven different components:

- Resource availability gap
- Physical availability gap
- Affordability gap
- Cultural acceptability gap

- Provider-related quality gap
- Strategic choice gap, and
- Adherence gap.

Effective coverage may be low if a country lacks the trained health care professionals, facilities, equipment or medications necessary to address a particular condition (*Resource availability gap*). Even if resources are available, people may not have access if these resources are not located in sufficient proximity to the people who need them (*Physical availability gap*). Similarly, access can be limited if the individual who needs the service has to pay for it, whether through enrollment in a health insurance plan or out of pocket, and lacks the means to do so (*Affordability gap*). Access may be limited when health care services are provided in a way that conflicts with popular beliefs, religion, or social norms (*Cultural acceptability Gap*). Access to healthcare services may also be limited if the quality of services provided by health care professionals is inadequate (*Provider-related quality gap*) or health care professionals provide the wrong treatment (*Strategic choice gap*). Finally, this framework includes what the authors call an *Adherence gap* to reflect the ways in which individual behaviors limit the effectiveness of an intervention, a common problem for illnesses that require taking medication for long periods of time (e.g., tuberculosis) or changing behaviors (e.g., exercising, quitting smoking). These different gaps vary in terms of how much they can be controlled by factors on the supply side. For example, cultural acceptability and adherence are both strongly influenced by individual demand behaviors even if they can be addressed to varying degrees by modifying the kinds of services supplied.

Penchansky and Thomas (1981) present a similar model, but one that makes fewer distinctions. Their model is similar in its attention to factors that affect the probability of getting a needed service but it lends itself more easily to measurement and does not subsume demand behaviors within supply. Specifically, their model proposes four dimensions of access: availability, accessibility, affordability and acceptability. *Availability* considers the supply of health care services, in terms of the amount and quality relative to the population's needs. *Accessibility* addresses the spatial distribution of services relative to the population and its needs. *Affordability* addresses the financial factors that can facilitate or obstruct getting necessary

healthcare services. Finally, *acceptability* addresses whether available health care services are appropriate to the norms, expectations and cultural behaviors of the population.

This paper will focus on three of these factors. It will explore the *availability* and *accessibility* of services by examining data on the physical supply of health services in proximity to individuals and the *affordability* of healthcare services by analyzing financial resources that permit an individual to get necessary healthcare services. Though the quality of healthcare services and their acceptability are very important dimensions of healthcare service access, they will not be addressed in this paper for lack of data.

Also, it is important to note that this paper addresses health care services that are mostly “personal” services, mainly preventive and curative treatments. A similar analysis of “public health services”—those that address population health with collective services, such as reducing air pollution, controlling disease vectors, or monitoring epidemics—would have to be modified to address the different meaning of “access” when the intervention is collective in nature.

Defining access as the probability that an individual with a particular condition will receive an effective treatment for that condition does not address an individual’s *perception* of their access to health care. For example, people with health insurance may think they have access to health care services but find, when they need treatment, that the service is not included in the benefits package. Similarly, an individual may think they have access to a free health facility but find that the required service cannot be provided due to missing supplies, overcrowding or absent personnel; or that the quality of services is so poor that they cannot receive effective treatment.

Perceived access to health care services is quite complex. It is influenced by the range of health concerns experienced by the population (whether real or imagined) and whether these health conditions are amenable to treatments that are visibly available in the local community. It is also influenced by the visibility of formal access programs—whether an insurance plan or eligibility for free or subsidized care—and the cost of healthcare services. Perceived access is further affected by expectations regarding the kind of care that is effective and available—often influenced by the kinds of services utilized by a country’s elite.

In sum, access to health care is best conceived as the probability that an individual with a given condition will receive an appropriate and effective treatment for that condition. This probability will be higher to the extent that relevant healthcare services are physically available in proximity to the population, are financially affordable, and are provided with the quality

required to be effective. Perceptions of access to health care, however, are only partially related to access since they are also influenced by the profile of the population's health concerns and expectations regarding effective treatment, which may not match the actual profile of health problems or the actual availability of effective treatments.

3. Access to Health Care Services since the 1950s

In general, access to healthcare services has improved dramatically in Latin America and the Caribbean since the 1950s, both in terms of the number and share of the population who can get treated for their health problems *and* the number and effectiveness of health services for treating those problems.

The improvement in access can be seen indirectly through the Region's changing epidemiology and rising health status. Vaccine-preventable illnesses have declined tremendously since 1950 due largely to increasing coverage of immunization services. Deaths from conditions which were fatal 50 years ago have declined; for example, kidney failure would have been fatal in the 1950s throughout Latin America, while today the possibility of kidney transplants and dialysis allows many individuals to live longer healthier lives.

3.1 More Health Professionals and Facilities

The increasing access to health care services is remarkable when contrasted with the pace at which the demand for health services grew. The Region's population grew three-fold over the last 50 years, from about 180 million to 569 million today, yet the physical resources available to provide health care have expanded even more rapidly.

The growing number of health professionals can be documented in five Latin American countries for which comparable data is available from the censuses of 1960 and 2000: Brazil, Chile, Costa Rica, Ecuador, and Mexico. In these countries, the ratio of doctors per 1,000 people increased from 0.33 to 0.90 over that period, suggesting an annual increase in the number of doctors by more than 5 percent. The number of medical schools, hospitals and health facilities has also grown dramatically through most of the region over the course of the last century (see Box 1). The expansion has continued in recent years. For example, between 1990 and 2005 in Mexico's public sector alone, the number of hospital beds has increased from 63,122 to 78,643

(SSS, 2008). Since 1995, the share of the Costa Rican population living farther than 25 km from a hospital has declined from 30 percent to 22 percent (Rosero-Bixby 2004).

BOX 1. Expansion of Health facilities in Tapachula

Tapachula is the second-largest city in Mexico's southernmost state, Chiapas, with a population of approximately 270,000. It has been distant from the main centers of the country's economic and political life for its entire existence. Yet, despite its relatively marginal circumstances, the town's history is fairly typical of Latin America as a whole in terms of how the supply of health facilities expanded over the last century.

The first health care facility in Tapachula was a medical office built as part of the first train station and intended primarily to serve the national train company's employees. Around the same time, the first hospital, the *Hospital Civil*, was also built. By 1908, it was serving a population of about 17,000 people. In the 1920s, a *Casa de Salud* was built to serve the town's elite, who objected to being treated in the same institution as the poorer and indigenous population. In 1948, the original hospital was replaced by a new and larger facility, now known as the *Hospital General*. And in 1956, the *Instituto Mexicana de Seguridad Social* (IMSS) started its first health center in the town to serve its affiliated members, employees of formal sector firms.

At least one major health care facility has been started in the city in each of the last four decades. In the 1960s, the Red Cross built a hospital and the government added a health center and long-term care facility to complement the *Hospital General* (now considered a Regional Hospital). The federal government employee's union, ISSSTE, built its own facility in 1976. Two private hospitals were built in the 1980s, and the state employee's union, ISSTECH, started its own combination hospital and clinic in 1992.

Source: Fajardo-Ortiz 2005.

This rapid expansion of health service resources does not necessarily mean that more services were available to everyone, since the increase could have been highly concentrated in major metropolitan regions. The census data from Brazil, Chile, Costa Rica, Ecuador and Mexico show that the opposite is in fact the case. For example, of the fifteen states for which there is comparable census data between 1960 and 2000 in Brazil, the number of doctors per person grew slowest in São Paulo and fastest in Rio Grande do Norte. By 2000, São Paulo still had the highest ratio of doctors to 1,000 people (1.58), about double the rate in 1960 (0.76); but the ratio in many poorer more rural states tripled or quadrupled. For example, the ratio in Ceará almost tripled, growing from 0.19 to 0.56.

This pattern can be confirmed for the other countries by disaggregating the ratio of doctors and nurses to population and calculating a measure of dispersion across states or municipalities. Table 1 shows that the dispersion across subnational units declined for doctors in every case for which the author was able to find comparable census data.

Table 1. Geographic Distribution Measures for Health Professionals in Selected Countries, 1960-2000

Coefficient of Variation - Doctors per Population by State or Province						
	1960s	1970s	1980s	1990s	2000s	N
Brazil	0.81	1.08	0.67	0.64	0.54	29
Chile	0.83	0.86	0.69	0.49		26
Costa Rica		1.10	0.62			7
Ecuador	1.53	1.39		0.68	0.54	24
Mexico		0.85	0.36	0.33	0.33	31

Coefficient of Variation - Nurses per Population by State or Province						
	1960s	1970s	1980s	1990s	2000s	N
Brazil	2.17	0.63	1.40	0.31	0.54	29
Chile	0.76	0.45	0.24	0.21		26
Costa Rica		0.64	0.33			7
Ecuador	2.71	1.09		0.81	0.49	24
Mexico		0.76	0.34	0.27	0.27	31

Note: N is the number of states or provinces, which may vary from year to year based on availability of data. The fluctuating ratio for nurses in Brazil may reflect policy changes that reclassified workers as nurses or changing occupational definitions in the census.

Even if the number of resources increased across the entire country, the number of services may not have grown proportionally. People who train to be doctors and nurses, for instance, may not be employed in healthcare services. In addition, if productivity fell over the period, then the number of doctors, nurses and hospitals would overstate the increased availability of healthcare services, while the opposite would hold if productivity had increased. Reasons could be given for either argument. A key determinant of productivity is the organization of the healthcare system itself, and it is not clear whether the organization of health services has increased productivity or not. By contrast, advances in medical technology have almost certainly increased the productivity of health care professionals. It is reasonable to believe that the rapid expansion of the healthcare workforce, above the rate of population growth,

reflects greater availability of health care services in most of the region. However, more refined data would be necessary to be certain.

As a result of the rapid increase of health care workers, the Region has an average of 8.0 health service providers per 1,000 people—including 1.4 doctors and 2.0 nurses for every 1,000 people (see Tables 2 and 3). The ratio of doctors is particularly low in Haiti (0.25), Nicaragua (0.37) and Suriname (0.45), and relatively high in Uruguay (3.65) and Argentina (3.01). These latter two countries even have higher ratios than Canada (2.14) and the United States (2.45) (WHO, 2006).

Table 2. Health Workforce by World Regions

	Total Health Workforce		Health Service Providers		Other Health Sector Workers	
	Number	Density (per 1,000 people)	Number	Density (per 1,000 people)	Number	Density (per 1,000 people)
Africa	1,640,000	2.3	1,360,000	1.9	280,000	0.4
Eastern Mediterranean	2,100,000	4.0	1,580,000	3.0	520,000	1.0
South-East Asia	7,040,000	4.3	4,730,000	2.9	2,300,000	1.4
Western Pacific	10,070,000	5.8	7,810,000	4.5	2,260,000	1.3
Europe	16,630,000	18.9	11,540,000	13.1	5,090,000	5.8
Americas	21,740,000	24.8	12,460,000	14.2	9,280,000	10.6
Latin America and Caribbean*	7,901,946	13.9	4,528,898	8.0	3,373,048	5.9

Note: Figures as presented in WHO (2006), except for Latin America and the Caribbean, which was calculated by the author.

Data source: World Health Organization. Global Atlas of the Health Workforce, <http://www.who.int/globalatlas/default.asp>.

Table 3. Density and Number of Doctors and Nurses in Latin America and the Caribbean

Country	Doctors			Nurses		
	Number	Density per 1,000	Year	Number	Density per 1,000	Year
Argentina	108,800	3.01	1998	29,000	0.8	1998
Bahamas	312	1.05	1998	1,323	4.47	1998
Barbados	322	1.21	1999	988	3.7	1999
Belize	251	1.05	2000	303	1.26	2000
Bolivia	10,329	1.22	2001	27,063	3.19	2001
Brazil	198,153	1.15	2000	659,111	3.84	2000
Chile	17,250	1.09	2003	10,000	0.63	2003
Colombia	58,761	1.35	2002	23,940	0.55	2002
Costa Rica	5,204	1.32	2000	3,631	0.92	2000
Cuba	66,567	5.91	2002	83,880	7.44	2002
Dominican Republic	15,670	1.88	2000	15,352	1.84	2000
Ecuador	18,335	1.48	2000	19,549	1.57	2000
El Salvador	7,938	1.24	2002	5,103	0.8	2002
Guatemala	9,965	0.9	1999	44,986	4.05	1999
Guyana	366	0.48	2000	1,738	2.29	2000
Haiti	1,949	0.25	1998	834	0.11	1998
Honduras	3,676	0.57	2000	8,333	1.29	2000
Jamaica	2,253	0.85	2003	4,374	1.65	2003
Mexico	195,897	1.98	2000	88,678	0.9	2000
Nicaragua	2,045	0.37	2003	5,862	1.07	2003
Panama	4,431	1.5	2000	4,545	1.54	2000
Paraguay	6,355	1.11	2002	9,727	1.69	2002
Peru	29,799	1.17	1999	17,108	0.67	1999
Suriname	191	0.45	2000	688	1.62	2000
Trinidad and Tobago	1,004	0.79	1997	3,653	2.87	1997
Uruguay	12,384	3.65	2002	2,880	0.85	2002
Venezuela, Bolivarian Republic	48,000	1.94	2001	-	-	-

Source: WHO 2006.

3.2 Financial Factors Affecting Healthcare Access

Access to healthcare services also appears to have increased when measured by enrollment in public insurance. For example, Chile and Costa Rica have effectively reached universal health insurance enrollment. When they created Social Security Institutes, in 1924 and 1941, respectively, very few people were covered. Yet today, almost 100 percent of the populations have health insurance coverage, whether through public insurance in Costa Rica, or through

mandatory health insurance in Chile, where a little more than 80 percent of the population is enrolled with public insurance and the remainder with private insurers.

Other countries in the region have tried to follow a similar strategy but with less success. For example, Ecuador's *Instituto Nacional de Previsión* (INS)—which began as a pension program for public employees, formal sector workers and military personnel—started a medical service for its affiliates in 1935. Today, 70 years later, the INS's successor, the *Instituto Ecuatoriano de Seguridad Social*, only covers 20 percent of the population.

Of course, social security is only one form of public financial support for the use of healthcare services. Governments also directly subsidize services for particular populations, either through payments to providers or through direct provision by government facilities. Some people also purchase their own private health insurance. In Latin America, this share of the population is generally small, with the exception of a few countries such as Brazil, Chile, and Uruguay, where private health insurance covers 21 percent, 24 percent and 38 percent of the population, respectively (Sekhri and Savedoff, 2005).

Given that public provision of health care services was relatively limited in the 1950s, it is likely that a greater share of the population is enrolled in programs to pay for or subsidize their use of health care services. In a recent poll, only 8.7 percent of Uruguayans responded that they would have to pay for hospitalization out of pocket; more than 91 percent said they were financially covered, whether by public programs, private health insurance, or the social security system. More than 80 percent of those polled in Brazil and Costa Rica also reported that they had some form of financial protection against hospital costs for an accident or illness. By contrast, fewer than 30 percent of those surveyed in Ecuador, Bolivia and Honduras felt that they had recourse to some form of financial coverage (see Table 4).

Table 4. Responses to the Question “If you had to go to a hospital because of an accident or illness, who would take care of the cost of your assistance?”
(Share of respondents by country, %)

Country	Out-of-Pocket expenditures	Government and social security	Private insurance	Total
Ecuador	80.8	14.8	4.5	100
Bolivia	80.7	13.3	6.0	100
Honduras	76.5	21.4	2.1	100
Peru	73.9	21.6	4.6	100
Paraguay	72.3	20.3	7.5	100
Guatemala	69.9	28.9	1.2	100
Nicaragua	66.0	32.0	2.0	100
El Salvador	65.9	32.8	1.3	100
Dominican Republic	62.6	21.6	15.8	100
Mexico	45.9	48.3	5.8	100
Panama	45.7	50.2	4.1	100
Belize	44.0	51.3	4.8	100
Guyana	38.7	51.6	9.8	100
Chile	26.6	63.6	9.7	100
Colombia	24.2	49.2	26.7	100
Argentina	22.4	58.9	18.7	100
Costa Rica	18.8	77.3	3.9	100
Brazil	17.2	64.3	18.5	100
Uruguay	8.8	53.7	37.5	100
Total	50.0	40.2	9.9	100

Source: Authors’ calculations using Gallup World Poll (2007).

Access to many healthcare services is easier today than it was 50 years ago because their costs have actually declined in real terms. Just considering pharmaceuticals, the cost of childhood vaccines, aspirin, and off-patent antibiotics, are lower in real terms today than they were 50 years ago. Careful studies have not been conducted in Latin America or the Caribbean, but detailed studies in the US have shown several ways in which medical costs for particular treatments or illnesses have declined. For example, in the US during the 1990s, the cost of treating depression per remission fell by about 20 percent due to improved use of pharmaceuticals. Moreover, between 1969 and 1998, the cost of cataract surgery declined on average by 1.6 percent per year. Even though input prices rose over this period, inputs were used more intensively and productively for a net decline in cost (Cutler and McClellan, 2001). Indicators of price inflation for pharmaceuticals can also be misleading. For instance, when a patent ends and generic drugs become available, official statistics treat the generic drug as a new commodity rather than as a substitute, or at least partial substitute, for the original brand name

drug. As a result, one study showed that a standard index would register a 14 percent increase in price over a 45-month period, while a more appropriate index taking into account this substitutability would find that the price of medication to treat that particular condition had *fallen* by 48 percent (Griliches and Cockburn, 1994).

Another way of thinking about access to health care services is relative to the goal of improved health. Rising costs of care in many cases reflect more than proportional increases in associated health gain. So, for example, between 1950 and 1990 the cost of treating low birthweight newborns rose by \$39,000, but this was associated with an average 12-year increase in life expectancy for these children. Similarly, between 1984 and 1994, the cost of treating someone with a heart attack rose \$7,000, but the improvements in treatment were associated with an additional year of life (Cutler and McClellan, 2001).

The contrast between studies that demonstrate declining costs per unit of health gain and the commonsense view that healthcare is more and more expensive can be understood if it is the most expensive and most recently introduced treatments that are foremost in people's minds. The overall cost of medical care has increased in every country because more, better quality, and newer services are being provided. These newer services are considerably more expensive—but also more productive—than older ones. If a similar approach were applied to personal computers, it would appear that computer prices are stable or rising, when in fact the price relative to computing power has declined considerably. The pace of technological advances in medicine, thus, works in two directions: reducing the unit costs for certain kinds of care, particularly once they become routine, and raising unit costs for other kinds of care that are producing larger health gains.

In sum, healthcare services in Latin America and the Caribbean are more available, accessible, and affordable. The supply of healthcare services has grown much faster than the population or its health care needs, and these services are more accessible because they are less spatially concentrated than before. In addition, healthcare services are more affordable than they were in the 1950s. The cost of healthcare services is generally declining despite the visible increase in costs for *newly introduced* medications and treatments and a growing share of the population is affiliated with public or private programs that reduce the financial barriers to getting needed health care services. This 50-year retrospective is an important reminder of how far the Region has come with regard to providing health care services. Nevertheless, it should not

detract from efforts to address the continuing gaps in access to even very basic services for important segments of the population and to address the changing profile of illnesses characteristic of the population.

4. How Far is the Region from Reaching Universal Access?

The definition of effective access to healthcare services includes an implicit contrast with what is attainable—a concept that is quite difficult to define and measure. Nevertheless, it may be possible to approximate the gap in access to healthcare in the region with reference to what is already provided to society's most privileged households. In other words, if the top 20 percent of the population has access to particular services, it demonstrates that those services *can* be provided in that country to those who face the fewest barriers (physical and financial barriers, in particular). Fortunately, a large number of studies have looked at the distribution of healthcare services across income groups and can be used to illustrate the dimensions of the gap in access to health care.

4.1 General Utilization of Health Care

As discussed earlier, utilization is a useful but imperfect measure of health care access. The share of different income quintiles who use services is a reasonable indication of how far the system is from giving everyone equal access to healthcare services. Some studies go further and adjust utilization figures for each population's group health needs in recognition of the common finding that poorer people generally experience worse health than those who are wealthier (van Doorslaer, et al. 2004). Nevertheless, adjustments of this kind often have marginal effects on the results (see, for example, Sapelli and Vial, 1998).

Chile and Peru provide a useful contrast for the range of experiences in Latin America and the Caribbean (see Tables 5 and 6). In Chile, despite an income difference of 20 to 1 between the richest and poorest quintiles, the share of the population that uses health care services differs only modestly across income groups. Between 8.8 percent and 9.7 percent of each income group used preventive health care, and between 2.8 percent and 3.7 percent utilized emergency care (higher among the poor, presumably because of greater need). For hospitalizations, utilization varied from 20.4 percent for the poorest fifth of the population to 23.6 percent for the richest fifth, while general consultations ranged from 8.7 percent to 9.7 percent, respectively.

The differences are small but still significant, suggesting that poor Chileans are almost as likely as the rich to get necessary care, but not with exactly the same probability. Also, it is likely that the quality of care provided may vary systematically and inversely with income. Nevertheless, the gap between what the health system can provide and what people use is not driven overwhelmingly by an individual's income class. In fact, Chile seems to compare favorably in this regard when compared to many OECD countries (see Table 7).

The contrast within the Region becomes apparent when comparing Chile with Peru. In Peru, the utilization of health care services as a whole ranged from 25.1 percent for the poorest fifth of the population to 48 percent among the richest fifth. The difference in the probability of utilizing care between the richest and poorest income quintiles is about 2 to 1 nationally, but slightly lower in the country's urban areas (1.7). Another way of considering this is to interpret the difference in utilization as the degree to which health care access is restricted; in Chile, this figure would only be about 2.2 percent if the focus is on general consultations, while in Peru it would be 10 times greater, about 23 percent.

Table 5. Utilization of Healthcare Services in Chile by Income Quintile (% of population)

	Income Quintiles				
	Poorest 20%	2	3	4	Richest 20%
General Consultations	20.4	21.4	22.7	23.1	23.6
Hospitalizations	8.7	9.3	10.0	10.5	9.7
Emergency care	3.7	3.6	3.7	3.7	2.8
Preventive interventions	8.8	9.4	9.7	8.8	8.8

Source: Sapelli and Vial (1998).

Table 6. Utilization of Healthcare Services in Peru by Income Quintile (% of population)

	Poorest	2	3	4	Richest
Peru	25.1	35.2	40	45.3	48
Urban	29.5	39.8	43.9	46.3	49.6
Rural	19.9	27.8	27.6	37.4	38.8
Metropolitan Lima	35.9	40.7	43.1	44.4	48.1

Source: Valdivia (2002).

Table 7. Utilization of Hospital Services in Selected OECD Countries (% of population)

	Poorest	2	3	4	Richest
Belgium	11	11	13	10	10
Canada	10	10	9	8	8
Finland	11	14	13	10	12
France	9	10	9	9	10
Greece	6	5	4	6	6
Portugal	5	5	6	6	9
Spain	7	6	8	8	8
Sweden	8	11	10	10	10
United Kingdom	10	12	11	11	10

Source: van Doorslaer et al. (2004).

4.2 Prenatal Care and Skilled Birth Attendance

Prenatal care and skilled birth attendance are among the clearest indicators of a well-functioning health care system and a good measure of access. These services are predictable, well-understood, proven, and required for a large and important share of the population. The services are also highly cost-effective.

High rates of prenatal care and skilled birth attendance require more than the availability of a supply—women also need to believe that such services are worthwhile and choose to use them. The barriers to using available services may be cultural or financial, but they can also include simple ignorance of the value of these services. Though this might qualify some of the results that are discussed below, it is also true that a good healthcare system can educate people about health-promoting services and reach out to them in culturally acceptable ways. To the degree that a country views public health as a collective responsibility, such outreach would be an integral part of public health policy.

The Region's rates of prenatal care and skilled birth attendance are high relative to other developing regions. In South Asia, only 42 percent of pregnant women have three or more prenatal consultations, and only 37 percent are attended to by a skilled birth attendant. By contrast, these shares are 83 percent and 82 percent, respectively, in Latin America and the Caribbean—close to the rates of the East Asian and Pacific region (see Table 8). In some countries, access to these services may be widespread and equitable. For example, the Dominican Republic has a remarkably high rate of utilization of these services considering its level of income. However, in most of the Region's countries, prenatal care and skilled birth

attendance are not widespread or equitably distributed. In Bolivia, Guatemala, Haiti and Peru, less than half the pregnant women in the poorest income quintile get these services, despite rates of over 90 percent among pregnant women in the highest income quintile (Gwatkin et al., 2007).

Table 8. Share of Births Attended by Skilled Professionals (%), Selected Countries

Country (Year of Data)	Share
Haiti 2000	23.8
Guatemala 2002	41.4
Honduras 2001	55.7
Bolivia 2003	66.8
Nicaragua 2001	66.9
Peru 2004	73.4
Paraguay 2004	77.1
Guyana 2000	85.6
El Salvador 2003	92.4
Panama 2003	92.5
Venezuela 2003	95.0
Trinidad and Tobago 2000	96.0
Colombia 2005	96.4
Jamaica 2005	96.7
Costa Rica 2004	98.5
Argentina 2003	98.7
Dominican Republic 2002	98.7
Bahamas 2000	99.0
Chile 2004	99.8
Cuba 2005	99.9
Barbados 2003	100.0

Source: United Nations: <http://mdgs.un.org/unsd/mdg/Data.aspx>. Accessed July 14, 2008.

In sum, people in Latin America and the Caribbean have more access to better health care than ever before; however, with the exception of relatively few countries (e.g., Chile, Costa Rica and Uruguay), the wealthiest quintile gets access to significantly more healthcare services than others. This is true whether access is measured for preventive care (e.g., immunization, prenatal services, and professional birth attendance) or curative care (e.g., general consultations, hospitalizations, emergency treatment). The variation across income groups demonstrates that supply limitations, financial barriers, or political obstacles—and not technological or institutional constraints—account for the remaining gaps in the population’s access to health care services.

5. Perceptions of Healthcare Services

Just because people have greater access to healthcare services does not necessarily mean that they feel that they have improved access. Perceptions of healthcare access are influenced by many other factors, relative shifts in supply and demand, including changing expectations, and comparisons with peers. Over a period of 50 years, dramatic changes have occurred in population size, technology, education, income and culture. A three-fold population increase has driven rising demand for healthcare services. As the population's epidemiological profile has changed, the kinds of services that are demanded have also changed. For example, today the region has a much lower demand for treating children's infectious diseases and a greater demand for treating chronic conditions of the elderly than in the 1950s.

People demand access to more healthcare services today than ever before. A number of factors drive this rising demand and the concomitant expectation that those demands should be met. As the Region's income level has increased, the demand for healthcare services has also risen. Independent of income, rising educational attainment also drives demand for more healthcare services. Cultural trends have also contributed to increasing demand for healthcare services. The spread of electronic media, in particular, makes people aware of medical services to treat conditions that might otherwise have been ignored, remained unrecognized, or simply accommodated (e.g., depression, allergies, cataracts). Finally, the political process itself often raises expectations. Expedience may lead politicians to promise more than government can deliver.

Satisfaction with the availability and quality of health care seems to vary considerably across countries (see Table 9). More than 70 percent of people in Uruguay, Costa Rica, and Venezuela report satisfaction with healthcare services. By contrast, less than half of those in Paraguay, Belize, Chile, Peru and Brazil are satisfied.

Satisfaction with healthcare services also varies across income quintiles, but there is no consistent pattern across countries. In some countries, the wealthiest quintile expresses less satisfaction than the poorest quintile, but in many countries the pattern is exactly the opposite. More refined statistical techniques are needed to ascertain how income and other factors affect people's perceptions of the health care system.

Table 9. Share of Respondents Who Are Satisfied with the Availability of Quality Health Care in the City or Area Where They Live, by Income Quintile (%)

Country	Income quintile					All
	Lowest	2	3	4	Highest	
Argentina	59.7	65.5	61.4	57.9	54.5	59.8
Belize	37.5	58.8	52.9	35.3	52.9	47.6
Bolivia	59.8	55.6	54.9	57.1	60.2	57.5
Brazil	43.9	47.1	48.3	44.8	46.6	46.1
Chile	50.3	46.8	43.0	45.6	37.8	44.7
Colombia	54.0	60.3	56.7	54.3	58.9	56.8
Costa Rica	78.6	80.9	73.5	77.1	74.2	76.9
Dominican Republic	50.7	63.3	55.6	51.3	56.3	55.5
Ecuador	42.2	58.5	54.7	50.8	50.8	51.4
El Salvador	60.7	62.1	62.8	55.2	62.1	60.6
Guatemala	53.0	47.0	51.0	58.0	57.0	53.2
Guyana	55.0	72.5	68.3	62.5	63.4	64.4
Honduras	61.9	55.9	50.8	57.6	54.2	56.1
Mexico	56.9	58.1	58.9	52.7	59.5	57.2
Nicaragua	49.7	56.1	57.2	61.1	55.6	56.0
Panama	60.8	57.0	63.5	61.4	63.5	61.2
Paraguay	43.3	46.1	48.8	45.5	51.5	47.0
Peru	46.3	35.2	43.0	50.3	45.5	44.1
Uruguay	84.4	78.9	74.8	73.2	79.7	78.2
Venezuela	75.2	69.3	79.7	71.9	68.2	72.8
Average	56.2	57.7	57.4	56.3	56.9	56.9

Source: Authors' calculations from Gallup World Poll (2007).

5.1 What Affects Perceptions of Healthcare Systems?

There are at least three different kinds of perspectives that people can take regarding healthcare services: satisfaction regarding the individual's *own* personal access to good quality care, overall confidence in the health care system for everyone, and views on whether less favored people have access to health care. The Gallup poll data in 2007 include three corresponding questions that reflect these different perspectives:

- In your city or area, are you satisfied with the availability and quality of healthcare services?
- Do you have confidence in your country's healthcare system?
- Are healthcare services in this country accessible to any person who needs them regardless of their economic situation?

The responses to the first of these questions will be referred to as *access*, the second as *reliability*, and the third as *equity*. The main hypothesis that we wish to explore is whether the supply of healthcare services—proxied by the availability of nurses and doctors—increases perceptions of access, confidence and equity. Further hypotheses to test include whether these perceptions are systematically affected by a person’s sex, age, income, health insurance coverage, health, or different features of their country related to the population’s health status or educational attainment.

5.2 Data and Methodological Considerations

The dataset used to analyze these questions contains roughly 12,000 observations, depending upon which variables are used, from people in 20 countries of Latin America and the Caribbean. The respondents were adults over 18 years of age, selected randomly from within the household to avoid the bias that would result from choosing whoever was first available. The interviews were conducted in person and lasted approximately one hour.

Because the responses are binary (i.e., yes or no), a logit model is appropriate for the analysis and the resulting estimates are presented in Tables 10, 11, and 12. In addition, the likelihood of intragroup correlation among individuals in the same country, who are responding to questions regarding the same health system, was addressed by using a clustered sandwich estimator which relaxes the assumption that observations be independent within groups (in this case, countries). This correction only affects the estimation of standard errors and not coefficients, but therefore affects judgments regarding the statistical significance of the estimates.

Each question was analyzed with the same set of variables, and six different specifications are presented. The first model contains all of the individual’s socioeconomic variables including their self-reported health status. The second model adds a variable regarding whether the individual feels that they have relatives or friends that they can “count on” when they are in trouble. This variable, denominated “friends” in the tables, reflects the degree to which an individual has a social support network and is also probably related to personality and outlook.¹ The third model adds a variable of key interest—the number of doctors per 10,000 inhabitants—a very rough indicator of the supply of health care services in the country. Model

four introduces two variables related to financial coverage: whether an individual reports that a public program would pay for hospital care (labeled “Public Insurance”) or that a private health insurer would pay for hospital care (labeled “Private Insurance”). Model five introduces additional country-specific variables: the infant mortality rate (deaths per 100,000 live births), average educational attainment of the population in years, and the Gini index for measuring income inequality. The final model removes the country-specific variables (including doctors per inhabitant) and replaces them with variables to capture all of the fixed effects related to differences across countries (i.e., dummy variables are introduced for every country but one).²

¹ The question that is asked in the survey is: “If you were in trouble, do you have relatives or friends you can count on?”

² Additional estimations tested how robust particular variables were by replacing them with alternative measures (e.g., supply of nurses instead of the supply of doctors) or eliminating them from the model to see how their absence affected the size and significance of other factors. These alternatives are not reported here for reasons of space but are available from the author by request.

Table 10. Responses to “In your city or area, are you satisfied with the availability and quality of healthcare services?”

Variable	Model 1	Model 2	Model 3	Model 4	Model 5	Model 6
Male	-0.059 **	-0.065 **	-0.052 *	-0.046	-0.062 **	-0.082 ***
Age	-0.016 **	-0.014 **	-0.015 **	-0.016 **	-0.015 **	-0.016 **
Age^2	0.000 ***	0.000 ***	0.000 ***	0.000 ***	0.000 ***	0.000 ***
Married	-0.106 ***	-0.111 ***	-0.107 ***	-0.120 ***	-0.140 ***	-0.139 ***
Urban	0.051	0.058	0.014	0.001	0.018	0.046
Income	0.030	0.022	0.010	-0.016	-0.006	-0.025
Health State	0.111 ***	0.108 ***	0.106 ***	0.098 ***	0.095 ***	0.085 ***
Friends		0.144 ***	0.142 ***	0.133 ***	0.146 ***	0.134 ***
Doctors			0.188 *	0.152	0.181 **	
Public Insurance				0.390 ***	0.448 ***	0.435 ***
Private Insurance				0.216	0.285 **	0.319 ***
Infant Mortality					0.015 **	
Ave Education					-0.095 *	
Gini Index					-5.434 ***	
Country Fixed Effects	No	No	No	No	No	Yes ***
Constant	-0.565 **	-0.651 **	-0.787 **	-0.646 *	2.383 **	-0.612 **
N	12,819	12,688	12,688	12,536	12,459	12,536
Pseudo R^2	0.012	0.013	0.016	0.021	0.031	0.041

Note: Significance indicated as: *** 1%; ** 5%; * 10%.

Table 11. Responses to “Do you have confidence in your country's healthcare system?”

Variable	Model 1	Model 2	Model 3	Model 4	Model 5	Model 6
Male	-0.060	-0.069	-0.052	-0.054	-0.069	-0.084 *
Age	-0.020 ***	-0.017 ***	-0.018 ***	-0.020 ***	-0.019 ***	-0.019 ***
Age^2	0.000 ***	0.000 ***	0.000 ***	0.000 ***	0.000 ***	0.000 ***
Married	-0.049	-0.052	-0.046	-0.057	-0.067	-0.072
Urban	-0.220 **	-0.217 **	-0.274 ***	-0.281 ***	-0.276 ***	-0.252 ***
Income	-0.028	-0.039	-0.054	-0.082 ***	-0.072 **	-0.105 ***
Health State	0.074 ***	0.069 ***	0.066 ***	0.057 ***	0.055 ***	0.049 ***
Friends		0.257 ***	0.255 ***	0.249 ***	0.260 ***	0.248 ***
Doctors			0.242 *	0.210	0.263 **	
Public Insurance				0.359 ***	0.406 ***	0.335 ***
Private Insurance				0.222	0.247 **	0.219 **
Infant Mortality					0.013 **	
Ave Education					-0.053	
Gini Index					-2.618	
Country Fixed Effects	No	No	No	No	No	Yes ***
Constant	0.453 *	0.286	0.114	0.278	1.536	1.172 ***
N	12,766	12,640	12,640	12,491	12,411	12,491
Pseudo R^2	0.008	0.009	0.015	0.019	0.023	0.039

Note: Significance indicated as: *** 1%; ** 5%; * 10%.

Table 12. Responses to “Are healthcare services in this country accessible to any person who needs them regardless of their economic situation?”

Variable	Model 1	Model 2	Model 3	Model 4	Model 5	Model 6
Male	0.093 **	0.092 **	0.098 **	0.108 **	0.089 *	0.027
Age	-0.006	-0.005	-0.005	-0.009	-0.008	-0.005
Age^2	0.000	0.000	0.000	0.000	0.000	0.000
Married	-0.035	-0.033	-0.031	-0.039	-0.068	-0.044
Urban	-0.038	-0.041	-0.064	-0.078	-0.066	-0.078 *
Income	-0.020	-0.028	-0.035	-0.073 **	-0.066 **	-0.115 ***
Health State	0.067 ***	0.063 ***	0.062 ***	0.052 ***	0.054 ***	0.048 ***
Friends		0.171 **	0.169 **	0.154 **	0.172 **	0.161 **
Doctors			0.100	0.055	0.022	
Public Insurance				0.679 ***	0.750 ***	0.699 ***
Private Insurance				0.195	0.300 ***	0.369 ***
Infant Mortality					0.025 ***	
Ave Education					-0.012	
Gini Index					-6.095 **	
Country Fixed Effects	No	No	No	No	No	Yes ***
Constant	-0.166	-0.279	-0.350	-0.158	2.544 *	1.391 ***
N	12,839	12,725	12,725	12,583	12,503	12,583
Pseudo R^2	0.004	0.004	0.005	0.023	0.033	0.084

Note: Significance indicated as: *** 1%; ** 5%; * 10%.

5.3 Findings

The most important results are related to the impact of the *supply of doctors and financial coverage* on perceptions. It appears that people in countries with more doctors have a more positive view of access to quality health care services in their city or area and express greater confidence in the overall health care system. However, the supply of doctors does not affect their view of the health care system's equity, either positively or negatively. In addition, individuals with financial coverage for health care costs (as indicated by the response to who would pay for hospital expenses) are more positive about their own access to quality health care services, as well as the reliability *and* the equity of the whole health care system. Furthermore, individuals who respond that a public program (e.g., free public facilities, social security) would pay for hospital expenses that they might incur were significantly more positive than those with private health insurance. The corollary is that people who have to pay for health care out of pocket tend to view health care access, reliability and equity less favorably.

After controlling for other factors, then, popular views of the health care system are somewhat influenced by objective measures of health care supply and financial coverage. The financial coverage variables are particularly robust. Better measures of health care supply and quality are needed to verify whether using the supply of doctors as a proxy is justified. In this regard, estimations using nurses as an indicator of health care supply failed to show any significance for this measure.³

Household income did not demonstrate the expected relationship with perceptions. First, household income had no effect on individuals' views regarding their access to health care or to the reliability and equity of the health care system in any of the specifications. Nonetheless, higher-income individuals expressed *less* confidence in the health care system and a more pessimistic view of its equity than those with lower incomes. The effect of people's incomes on their perceptions of health care therefore seems unrelated to how income influences their access to health care. Rather, incomes appear to influence perceptions of health care through some other mechanism, perhaps by raising their expectations or by increasing their access to information about the health care system.

The effect of income on perceptions was only statistically significant when measures of financial coverage were included (i.e., Models 4 through 6). This is not surprising since financial

coverage has such a large influence on perceptions of health care access, reliability and equity *and* since financial coverage is highly correlated with income. This reinforces the idea that income influences perceptions by raising expectations or increasing information about health care since it becomes statistically significant after including an indicator—financial coverage—that more directly influences access to health care services.

An additional finding is that people who are in *better health* have much more positive views of the health care system's accessibility, reliability and equity than those who are ill. An individual's self-reported health state, on a scale of 1 to 10, is positively related to all three perceptions and is statistically significant at the 1 percent level regardless of the model that is estimated. Furthermore, the estimates using an alternative and more objective measure of health status (namely, EQ5D), showed a positive and robust impact on perceptions. This finding suggests that one of the reasons it is difficult to mobilize popular opinion to effect changes in health care systems may be due to the fact that at any given point in time, most individuals are reasonably healthy and this contributes to relatively benign views regarding the accessibility, reliability and equity of health care.

Social support was also a robust factor in explaining perceptions of the health care system. Individuals who report that they can rely on relatives and friends are also more likely to express positive views regarding the accessibility, reliability and equity of the health care system, regardless of the specification used.

Variables that controlled for *country characteristics* were generally significant but not always in the expected directions. In countries with greater income inequality, individuals tended to be less satisfied with their access to quality health care and more pessimistic about the ability of poor people to get necessary health care, but it had no effect on their opinions regarding the system's reliability. Countries with more educated populations tended to express *less* satisfaction with their access to health care, while this indicator had no impact on views regarding either reliability or equity. Finally, after controlling for all other factors, countries with *poorer* health status seem to have *more positive* views regarding access, reliability and equity of health care. This result is opposite of the uncontrolled correlations between infant mortality and these three perspectives, which are all negative and significant.

³ Estimations are not reported here due to space limitations but can be obtained by contacting the author.

This apparent paradox may result from the choice of variable, as infant mortality is a very rough indicator of population health status, particularly in Latin America and the Caribbean, where it is low relative to the range in other developing regions. When life expectancy (also a very rough measure of population health) was used instead, no statistically significant effect was found. However, it is more likely that the infant mortality rate is highly correlated with some other important country-specific factors which are not included in the model and which overcome any direct effects this variable may have. In this regard, it is worth noting that the fixed effects models—in which dummy variables control for all average differences across countries—fit the data better, as indicated by the Pseudo-R². This difference was quite substantial for views on equity, for which the fixed effects model had a Pseudo-R² of 0.084, compared to only 0.033 in the case of Model 5 that included four country-specific variables.

Perceptions of health care services are influenced by many factors, but the most consistent ones appear to be a person's own health status, financial coverage and health care supply. Individuals are more confident of access to health care services in their own communities when they are healthier, have financial coverage, and when their country has more doctors. In such cases, they also express greater confidence in the reliability of the overall health system and are more likely to believe that people can get health care services in their country regardless of economic circumstance. Thus, better-functioning health care systems—i.e., ones in which services are available and financial barriers are reduced—are likely to be perceived as better systems.

Other factors may interfere in this relatively strong relationship between perceptions of the health care system and objective measures of its performance. Countries in which people have strong social support networks tend to be more optimistic and view their health care system's accessibility, reliability and equity more favorably regardless of its quality. Within countries, wealthier people are likely to express less confidence in the health care system and have a negative view of its equity than those with lower incomes after controlling for financial barriers. Consequently, it appears that the rich have higher expectations for the health care system and are likely to be more critical than others.

6. Conclusions

People throughout the world want to live in good health and translate that desire into demands for access to healthcare services. Ironically, access to health care services is not a certain route to good health—the links between healthcare services and better health, in the aggregate, are tenuous even when healthcare services can make a big difference in particular cases. It is also ironic that the health care services that people demand—e.g., visible high-technology services like intensive care units at hospitals or pharmaceuticals like anti-retrovirals—are not necessarily the services that are most needed in comparison to, say, prenatal screening for preeclampsia or peer counseling on sexually transmitted diseases. The final irony is that the way people *perceive* access to health care is weakly associated with *objective measures* of such access. People may be appropriately discounting past experience and focusing on the future when they judge their access to healthcare—relative to other groups in society who enjoy privileged access to the most advanced and latest medical technologies. However, as a basis for making public policy, this drive for equity in a system that is continually advancing the mark of “adequate health care” is a recipe for policymaking in a context of continual frustration.

The main conclusions of this paper are both hopeful and puzzling. First, access to healthcare services is more widespread and equitable in the Region than ever before, yet large inequities today are also quite real. Second, the definition of access to healthcare services is continually changing as a consequence of advances in medical technology, changing supplies and prices of inputs, public policy actions, and the population’s changing epidemiological profile. Third, popular perceptions of access to healthcare services are driven both by objective measures of healthcare service provision, an absolute benchmark, and by expectations regarding what medicine can do and who is already getting particular services, a relative benchmark.

First, objective measures of the available resources, distribution of resources, utilization of care, and health outcomes show that people in Latin America and the Caribbean have much greater access to healthcare services today than ever before. The number of health professionals and health facilities has expanded almost twice as fast as the rate of population growth, and the variation across regions within countries has declined. Services that were utilized only by the most privileged classes of society in the 1950s, such as prenatal care and skilled birth attendance, are now widespread. Even in the Region’s poorest countries, more than half of pregnant women in the lowest income quintile utilize these services; while in the Region’s middle income

countries, the ratio is between two-thirds and 90 percent. By almost every health outcome measure—including those which can be linked most closely to health care services such as neonatal survival—the Region’s access to necessary healthcare services has improved.

Second, success appears to breed discontent. The best predictor of inequitable access in health care services is a country’s income level (Wagstaff, 2002). As medical advances occur, wealthier groups get access first. In this relay race, fortunate countries begin to diffuse and expand access to these services so that the poor eventually get access to these services at rates that are comparable to the rich. But by the time they catch up, new services, new standards, and new expectations emerge.

As a consequence of rising access and continuing discontent, public policy is often driven by factors that are least likely to improve the population’s health status. Building fancy hospitals is more visible and rewarding to most politicians than distributing bednets. Guaranteeing everyone access to the same services, on paper, is also more attractive than trying to deal with the difficult task of improving the efficient management of reimbursements or health care provision.

The implications for public policy depend essentially on a society’s objectives with regard to health care access. Better information may give people more realistic expectations of what existing resources for health care can really deliver, but do we want to discourage the public from exerting pressure to improve health systems that have room for improvement? Responding directly to people’s demands—for example, acting on preferences for treatment instead of prevention or interventions that are less cost-effective but more greatly desired—may address perceived needs but at a cost of other health gains foregone. Responding to perceptions is also a losing game, as the expectation of what health care should provide to everyone is a constantly evolving target.

Ultimately, the quest for improving access to health care services in democratic societies must rely on a public dialogue, in which popular perceptions are confronted by as much objective information as possible, inputs from experts regarding cost-effective ways to improve health inform the discussion, and serious efforts are made by all concerned to increase the productivity of health care services through advances in management as well as medical technology.

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