

Special Topics Issue Brief \#9

## A NATION'S HEALTH AT RISK III:

Growing Uninsured, Budget Cutbacks
Challenge President's Initiative to Put a Health Center in Every Poor County

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## Executive Summary

Forty years ago, health centers sprang into existence as part of President Johnson's War on Poverty. Today, that war continues, and the challenge is no less daunting now than it was back then. The nation is gripped with rising uninsured, increasing health care costs, downsized worker heath benefits, and 36 million people who still lack access to basic health care services. But what has changed over the course of 40 years is the widespread consensus among national leaders, bipartisan Members of Congress, and policymakers that the preventive medicine health centers provide wields an effective blow against poverty and disease in communities, thereby narrowing health disparities and reducing the use of hospital care, including emergency rooms.

In its third installment of reports on the state of the nation's health, the National Association of Community Health Centers (NACHC), in a joint effort with George Washington University, takes a closer look at the unmet need in America's poorest counties. Nation's Health at Risk Part III brings into the focus the latest initiative announced by President Bush to put "a health center in every poor county in America." The report not only provides a roadmap of the nation's deep pockets of poverty and unmet need for basic health care services, it also reveals the multiple and complex barriers to health care that poor communities face and the cascade of consequences that result from going without health care.

Where is one likely to live if they are both poor and do not have access to a health center? The highest proportion of residents in poor, unserved counties (in that they lack a health center) are located in a swath of land that runs from Mississippi to Montana. This geographic sweep of states is where the greatest challenges exist for the President's second initiative. It is where the cycle of poverty and unmet health needs are strongest, and yet, where the safety net may be at its weakest. Nearly one thousand (929) poor counties lack a health center, accounting for almost a third of all US counties, and over half of all poor counties. But what is more startling is not how many poor, unserved counties there are, but who resides in their boundaries: $\mathbf{2 0}$ million people, more than two in five of them ( $\mathbf{4 2 \%}$ ) low income and more than 3 million of them completely uninsured. They represent approximately $10 \%$ of the nation's poor and $8 \%$ of the uninsured, yet they live in communities that are the most likely to need a health center and do not have one.

Other findings of the Nation's Health at Risk Part III include:

- While $30 \%$ of US counties are poor and lack a health center, $70 \%$ of counties in Oklahoma and more than $50 \%$ of all counties in Kentucky, Louisiana, Montana, and Texas are poor and unserved.
- Arkansas, Kentucky and Oklahoma have the highest proportion of residents living in poor counties without access to a health center ( $42 \%, 33 \%$ and $40 \%$, respectively). More than one of every five residents of Louisiana, Mississippi, Missouri, Montana, and South Dakota live in poor, unserved counties.
- More than a third of uninsured residents of Arkansas, Kentucky, and Oklahoma live in poor, unserved counties, and at least $20 \%$ of uninsured residents of Georgia, Idaho, Louisiana, Mississippi, Missouri, Montana, and South Dakota live in unserved counties.

Nation's Health at Risk Part III also finds that the number of counties needing a health center far exceeds available resources. Moreover, while many poor counties do already have a health center, these health centers are seeing increased demand in their communities, especially from the ranks of the growing uninsured. Augmented federal funding is an important fist step in expanding the health centers program, but in order to be sustainable, state support - especially through Medicaid - and programs that ensure health centers have adequate staffing levels will also play a critically important role.
"...here are some practical ways for us to deal with the rising costs in health care. One is to make sure that people who can't afford health care have got health care available to them in a common-sense way. And that's why I'm such a big backer of expanding community health centers to every poor county in America. We really want people who cannot afford health care - the poor and the indigent - to be able to get good primary care at one of these community health centers, and not in the emergency rooms of the hospitals across the United States of America."

President George W. Bush
January 27, 2005, Cleveland, OH

For 40 years, the nation-wide network of Community, Migrant, and Homeless Health Centers has been delivering primary and preventive health care to medically underserved communities. The program sprang into existence as part of President Johnson's War on Poverty during the mid-1960s. Today, it has become a model for keeping medically underserved communities - whether they are rural, urban or suburban - healthy and disease free. As America comes to grips with a changing health care landscape in the $21^{\text {st }}$ century, with growing ranks of uninsured, reduced health benefits for workers, and rising health care costs, health centers are in the midst of an historic expansion initiative under a mandate set by President Bush, with strong bipartisan Congressional support. Health centers represent a unique consensus in the often contentious, broad public debate about solutions for the health care crisis. The program was ranked one of the top ten most effective federal programs by the Office of Management and Budget because of health centers' proven record of success in cost effectively providing quality health care for 15 million patients regardless of insurance coverage or ability to pay.

In recognition of health centers' contributions, President Bush in 2001, with overwhelming bipartisan Congressional support, made a substantial commitment to expand the health centers program, proposing a five-year initiative to increase federal funding to support 1,200 new and expanded health center sites to serve an additional 6.1 million patients. During this time, Congress has approved some of the largest funding increases over the program's history. Since the beginning of Fiscal Year (FY) 2002, the expansion initiative has enabled more than 600 new and expanded health centers to reach out and serve over 3 million new patients. The President's recently released FY 2006 Budget requests a $\$ 304$ million increase for the health centers program to bring total federal funding for health centers to $\$ 2$ billion. This funding request will complete his five-year initiative to expand health center capacity.

Even with the remarkable financial commitment being made at the federal level, there are still a growing number of communities that need safety net services. In fact, those living in impoverished communities are more at risk for poor health and lack access to regular health care. For these reasons, the President has launched a second initiative to expand health centers, setting the goal officially in his State of the Union address to put a health center in "every poor county in America." As part of his FY 2006 budget for the health centers program, the President's request includes $\$ 26$ million to fund 40 new health centers in high poverty counties.

Poverty is one approach to target areas most in need of a health center. Given the Bush Administration's new goal of expanding health centers into every poor county in the country, the National Association of Community Health Centers (NACHC) and the George Washington University identified poor counties that are "unserved" in that they lack at least on health center. A total of 929 counties around the country fit these criteria. These poor, unserved counties
represent almost a third of all US counties and more than half of all poor counties. States with the highest proportion of residents living in these counties generally span from Mississippi to Montana. Unfortunately, the number of counties needing a health center far exceeds available resources, even as existing health centers require continued and even expanded financial support in order to address the rapidly rising unmet need in their communities. These issues speak to the importance of state support, especially Medicaid, in helping to achieve President Bush's goals. This report analyzes the scope of unmet need for primary health care in America's poor counties, and it documents how health centers overcome complex barriers to quality health care faced by poor and diverse communities, how they are cost-effective providers of care, and threats that jeopardize health centers' ability to meet rising demand.

## Need for Safety Net Services Among the Poor

Low income populations are particularly at risk for adverse health outcomes and yet have little or no access to a regular source of health care. People living below $200 \%$ of the federal poverty level are much more likely to report having fair or poor health and more likely to have had an emergency room (ER) visit than people who do not live in poverty. Poor adults are about half as likely to have a usual source of care, and children living in poverty are around three times less likely to have a usual source of care. ${ }^{1}$ Residents in communities with lower income are significantly more likely to be hospitalized for a condition that could have been prevented. ${ }^{2}$ Moreover, the poor are more likely to forgo or delay medical care due to cost, and much more likely to be uninsured, citing cost as the principal barrier to accessing insurance. ${ }^{3}$ The lack of insurance creates a cascade of health consequences for the poor. The uninsured receive fewer preventive services, are less likely to receive regular care for chronic diseases, are less likely to fill a prescription, and are more likely to be hospitalized for a health problem that could have been prevented. ${ }^{4}$

Low income individuals disproportionately rely on safety net providers such as health centers, ${ }^{5}$ and the need for the safety net is growing. Poverty and uninsurance are on the rise. Between 2002 and 2003, the number of Americans below poverty rose by 1.3 million, and the number without insurance rose by 1.4 million. ${ }^{6}$ Barriers to health care are interrelated and complex, and thus the need for safety net services would not disappear even under broadly expanded or universal insurance, as cost is just one barrier to care. Other barriers include lack of enabling services such as transportation, case management, and translation that facilitate health care use and are especially important for certain populations, including non-English speakers, the homeless, farmworkers, and rural residents. Another substantial barrier to care is the current physician shortage. NACHC has documented that some 36 million people - one in eight

[^0]Americans - do not have a regular health care provider due directly to the lack of available primary care doctors in communities. The proportion of residents without a usual source of care is much higher than the national average in some states. In two states (Louisiana and Mississippi), the unserved account for one of every three state residents, and in ten others (Alabama, Arkansas, Georgia, Idaho, Kentucky, Nebraska, Nevada, North Carolina, Tennessee, and Wyoming) at least one in five residents have no regular provider of care. ${ }^{7}$

Lack of available community physicians aggregated at the state level may actually reflect a maldistribution of primary care providers. Private, office-based physicians do not tend to locate in low income areas where health care services are scarce. Physician shortage also occurs when private, office-based physicians do not open their doors to low income patients. In fact, only half of physicians are willing to accept all new Medicaid patients, and one-fifth are not accepting any. ${ }^{8}$ Other research has found that many private providers that do accept Medicaid patients do so on a limited basis, thereby further narrowing affordable access for beneficiaries. ${ }^{9}$ Compounding the current lack of available physicians for low income communities is the fact that the number of primary care physicians per capita has been steadily shrinking. ${ }^{10}$ Regardless of the cause, physician shortage is a very real crisis that is linked to mortality. ${ }^{11}$

## The Role of Health Centers in Caring for Low Income Communities

Health centers are the largest national network of safety net primary care services. They were established to eliminate these interrelated and complex barriers to care to ensure that the medically vulnerable have a usual source of care, as well as access to dental, mental health, substance abuse, vision, hearing, and pharmacy services - many of which may not be covered, even for insured patients. Their mission and characteristics make them unique among all health care providers, as they:

- are located in medically underserved areas where health care options are few;
- are open to all patients regardless of ability to pay or whether they possess an insurance card;
- offer comprehensive medical as well as health care facilitation services such as translation, transportation, and case management;
- tailor their services to meet individual community needs; and

[^1]- are governed by a patient-majority board to ensure that each health center is responsive to the community it serves.


## Who Health Centers Serve

Located where care is needed but scarce, over 1,000 health centers currently serve more than 3,600 urban and rural communities in every state and territory. These communities are typically low income inner-city neighborhoods or resource-poor rural communities. Health centers currently serve one-quarter of all individuals below poverty, and roughly one in seven under $200 \%$ of poverty. They also serve one of every eight uninsured Americans, including one of every five low income uninsured, a rate that is much higher in many states. In 2003, health centers in three states (Alaska, South Dakota, and West Virginia) and the District of Columbia provided care for at least half of their states' low income uninsured populations, while in another 10 states (Colorado, Connecticut, Hawaii, Massachusetts, Mississippi, Montana, New Mexico, North Dakota, Rhode Island, and Washington) they served more than one in three low income uninsured residents.

Health center patients are disproportionately low income, uninsured or publicly insured, and racial and ethnic minorities. While $12.5 \%$ of all Americans are at or below the federal poverty level ${ }^{12}$ ( $\$ 15,260$ annual income for a family of three in 2003), $69 \%$ of health center patients are. The vast majority ( $90 \%$ ) of health center patients are low income (under $200 \%$ of poverty). Nationally, nearly $16 \%$ of the population are currently uninsured and $12 \%$ have Medicaid. ${ }^{13}$ In the health center population, the proportions are higher: nearly $40 \%$ of patients are uninsured and another $36 \%$ have Medicaid. Compared to around $30 \%$ of the national population, two-thirds of health center patients are members of racial and ethnic minorities, with Hispanic/Latinos making up the largest minority group at $35 \%$ of all patients and African Americans making up nearly a quarter of all patients. ${ }^{14}$

## Health Center Accomplishments

Numerous studies commissioned by the federal government, academia and health policy organizations document the success of health centers in the 40 years that they have been caring for medically underserved populations. These independent studies have examined the unique approach of the health center model, its ability to remove barriers to care, and its effective delivery of culturally appropriate, cost-effective and quality health care. A recent review of literature finds that health centers. ${ }^{15}$

- Improve access to primary and preventive care for vulnerable populations that would otherwise go without needed care;
- Serve as a usual source of care for the uninsured, who nationally are less likely to have a regular source of care;

[^2]- Reduce racial and ethnic health disparities so that patients do not experience the same disparities in health status that exist nationally;
- Are associated with fewer low birth weight babies and less infant mortality;
- Effectively manage chronic illness, thereby improving patient outcomes while lowering the cost of treating patients with diabetes;
- Provide care whose quality is equal to or greater than that provided by other provider types; and
- Have $\mathbf{9 9 \%}$ of their patients reporting being satisfied with the care they received.

The literature also demonstrates that the costs of care at health centers rank among the lowest of all providers. Total medical cost (excluding dental and enabling services) per health center patient is around $\$ 250$ less than the average annual expenditure for an office-based primary care provider. Health centers save the Medicaid program around $30 \%$ in annual spending for health center Medicaid beneficiaries due to reduced inpatient, ER, and specialty care utilization. Furthermore, redirecting non-urgent and primary care treatable ER visits to health centers could save up to $\$ 8$ billion annually. Health centers also improve local economies by contributing to the development of rural areas as well as the redevelopment of urban areas. ${ }^{16}$

## Impact of Expanding Health Centers

Expanding health center capacity to reach more populations will have far-reaching implications for the US health care infrastructure. For instance, by reducing more avoidable and costly health care services and improving outcomes for more patients, health centers would further reduce health care disparities that continue to plague minority populations. More health centers would significantly diminish the Hispanic/white and black/white primary care visit disparity. ${ }^{17}$ One study recently found that a $10 \%$ increase in the number of health centers per 10,000 population would lead to a $6 \%$ increase in the probability of visiting a physician. ${ }^{18}$ In general, expanding health center capacity reduces unmet need and increases the percent of uninsured with a usual source of care. A recent study found that President Bush's first initiative to expand the number of health centers could ensure that up to 7.5 million additional uninsured persons would have access to health care. This number represents more than half of the uninsured population currently without access to a safety net provider. At the same time, expanding health centers could improve the efficiency of the entire health care delivery system because health centers provide timely care and reduce costs by lowering hospital and ER use, thereby offsetting the costs of expanding health center capacity. ${ }^{19}$

Of course, in order to improve health on the greatest scale, the preservation of insurance is equally important. Expanding both insurance coverage and the health center program are needed to improve access to care, and both approaches are in fact complementary. Health

[^3]centers provide services that many other providers do not, such as enabling services, making them preferred providers for many patients. ${ }^{20}$

## Counties in Need

The President's announcement of a second initiative to put a health center in every poor county in America presented NACHC and the George Washington University with an unprecedented opportunity to study up close America's map of poverty and health care. This joint effort sought to identify the number of poor counties within each state that do not currently have at least one health center, or counties that are "unserved" in health center capacity. This report also identifies some counties with health centers that may need additional funding to expand their reach because of a dramatic rise in the number of uninsured patients.

For the purpose of this analysis, "poor counties" are defined as those counties having a poverty rate higher than the national median ( $35.3 \%$ of the population living in poverty). Poverty is defined as below $200 \%$ of poverty. This level of poverty was chosen because it coincides with current health center requirements to discount their charges for care provided to uninsured individuals with incomes below $200 \%$ of poverty, and because research shows that those below $200 \%$ of poverty are more likely than the non-poor to experience poor health, visit the ER, forgo or delay medical care due to cost, and be uninsured. They are also less likely than the non-poor to have a usual source of care. As noted earlier, the vast majority of health center patients are under $200 \%$ of poverty.

A total of 929 counties - nearly a third of all US counties and more than half of all poor counties - have poverty rates higher than the national median and did not have a health center site by the end of 2003. Ten percent of all low income residents and almost $8 \%$ of the nation's uninsured live in these counties. A list of these counties is provided in Appendix C.

## Methodology

County estimates are drawn from NACHC's unique REACH data set, which was developed by The Lewin Group using the 2000 Census and March Supplements of the 20002002 Current Population Survey (CPS). The REACH data provides race/ethnicity, age, gender, insurance coverage, and federal poverty level (FPL) demographic information at the county level and includes all 3140 US counties and the District of Columbia. The CPS data from 2000, 2001 and 2002 were pooled to provide estimates for narrowly-defined groups too small to enumerate for any given year. The REACH data includes county-level tabulated data for three poverty level groups (below FPL, 100-200\% of FPL, and above 200\% of FPL), four age groups (under 19, 20-44, 45-64, and above 64), two gender groups (male and female), four racial/ethnic groups (black, Hispanic, white, and other), and four insurance groups (uninsured, Medicare, other public, and private). REACH does not include the Commonwealth of Puerto Rico, the Virgin Islands, and other US territories, and therefore they were not included in this analysis.

To identify counties with and without a health center, the REACH database was then linked to a list of all health centers during 2003. This list included all federally-funded health

[^4]center delivery sites and non-federally funded health center (the so called "look alikes") sites, their addresses, and their county names. Counties were determined based on health center street address and zip code. The list of health centers was pulled from the 2003 Uniform Data System, to which all federally-funded health centers must report data on their operations, and a list of Federally-Qualified Health Center "look-alikes" as of February 2004. Researchers were unable to find a list of look-alikes for 2003, but it is likely that looks-alikes operating in 2003 did not significantly change through February 2004. Once these two data sets were linked, nonmatching counties were considered to be without a health center, and thus determined to be potentially underserved or unserved as of the end of 2003.

## All Counties

Appendix A shows the number of poor counties (i.e., those with more than $35.3 \%$ of residents living below $200 \%$ of poverty) in each state and the number of counties with and without a health center. In total, 1,570 counties and the District of Columbia are poor. More than one of every four Americans, or over 73.4 million, live in these counties. These counties are spread across 45 states and the District of Columbia. However, they tend to be concentrated within a limited number of states, as Map 1 demonstrates. Excluding the District of Columbia, more than $75 \%$ of all counties in 10 states (Alabama, Arkansas, Idaho, Louisiana, Mississippi, Montana, New Mexico, Oklahoma, Texas, and West Virginia) are among America's poor counties. In another 10 states (Arizona, California, Georgia, Kentucky, Missouri, North Dakota, Oregon, South Carolina, South Dakota, and Tennessee), more than half of all counties are among America's poor counties.


Map 2 illustrates the percent of state population residing in poor counties. Excluding the District of Columbia, Arkansas, Mississippi, and West Virginia have the highest proportion of residents living in the state's poor counties. Approximately $72 \%$ of Arkansans, $79 \%$ of Mississippians, and $71 \%$ of West Virginians live in poor counties. Six additional states
(Alabama, Idaho, Louisiana, Montana, New Mexico, and Oklahoma) have more than $50 \%$ of residents living in poor counties. Nine states (California, Georgia, Kentucky, Missouri, New York, South Carolina, South Dakota, Tennessee, and Texas) have between 25 and 50\% of residents living in poor counties.


Over the last 40 years, health centers have grown dramatically around the country. In many counties, health centers are the primary care provider for the majority of residents. Appendix A indicates that 642 poor counties across the US have at least one health center site. Moreover, among the top $1 \%$ of all counties by poverty, over half ( $55 \%$ ) have at least one health center (not shown in Appendix). However, the mere presence of a health center may not be enough to meet increased demand for care, particularly in low income communities. Health centers in most of these counties report increased demand and many may require federal Expanded Medical Capacity grants to reach more of the underserved.

## Poor Counties Without Health Centers

The states with the highest proportion of residents living in poor, unserved counties live in a swath of land that runs from Mississippi to Montana. Appendix B provides the number of poor counties without at least one health center for each state, as well as the proportion of total state population and uninsured state population residing in these poor unserved counties. Of the 1,570 poor counties and the District of Columbia identified in Appendix A, 929 counties do not have a health center. These 929 counties are listed in Appendix C. While these counties represent approximately $30 \%$ of all US counties, more than $70 \%$ of counties in Oklahoma are among the poor unserved counties, as are more than $50 \%$ of all counties in Kentucky,
Louisiana, Montana, and Texas. Map 3 below depicts the percent of state population living in poor counties without at least one health center. Approximately 7\% of all Americans - 20 million people - live in these poor counties without access to a health center. In terms of population, Arkansas, Kentucky and Oklahoma have the highest proportions of residents living in poor counties without access to a health center ( $42 \%, 33 \%$ and $40 \%$, respectively). In
five other states (Louisiana, Mississippi, Missouri, Montana, and South Dakota), more than one of every five state residents live in these poor, unserved counties, and Georgia and Idaho each have just under $20 \%$ of state residents living in these counties.


Almost $8 \%$ of uninsured Americans - or more than 3 million individuals - live in poor unserved counties, but more than a third of state uninsured residents live in these counties in Arkansas, Kentucky, and Oklahoma. In another seven states, at least 20\% of state uninsured residents live there (Georgia, Idaho, Louisiana, Mississippi, Missouri, Montana, and South Dakota), as Map 4 demonstrates. This is not surprising given that most of these states are among the states with the highest proportion of residents living in poor counties without access to a health center.


A sizable proportion of the residents of these counties are medically underserved. In many cases, the residents are worse off than the national population. Specifically, among the residents of these counties:

- $42 \%$ of residents in these counties have incomes less than $200 \%$ of FPL, similar to the percent of residents in poor counties with a health center;
- $16 \%$ are uninsured and $14 \%$ rely on public health insurance (other than Medicare), slightly above national averages for the time period;
- $50 \%$ of the elderly in these counties have incomes under $200 \%$ of FPL compared to the national average of $37 \%$;
- Approximately $23 \%$ are nonwhite and $26 \%$ of minorities are uninsured compared to the national average of $31 \%$ nonwhite of whom $25 \%$ minorities are uninsured; and
- Approximately $14 \%$ of children under age 19 are uninsured which is slightly above the national average of $13 \%$.

The populations of these 929 poor, unserved counties also account for a significant portion of the nation's vulnerable populations, making up:

- $10 \%$ of all low income residents;
- Almost $8 \%$ of the nation's uninsured;
- $8 \%$ of uninsured kids; and
- $8 \%$ of Medicaid and other publicly-insurance residents other than those with Medicare.

Among the top $10 \%$ of poor counties without at least one health center are 93 counties in 16 states (Alabama, Arkansas, Georgia, Idaho, Kentucky, Louisiana, Mississippi, Missouri, Montana, Nebraska, North Dakota, Oklahoma, South Dakota, Texas, West Virginia, and Wisconsin). Between $52 \%$ and $80 \%$ of the residents in these poorest unserved counties are at or below $200 \%$ of FPL. While the residents of these counties with the highest poverty rates make up $6 \%$ of the residents in all poor unserved counties, their average uninsurance rate is $20 \%$ higher than the average for all unserved poor counties and well above the national average.

While some states appear to contain nominal proportions of residents living in poor counties without a health center, these states continue to have rising unmet need. In all counties with health centers, health centers often need resources to expand their capacity to reach more of the underserved. Many states experienced increases in uninsurance and poverty between 2002 and 2003. For instance, Illinois and Nevada experienced statistically significant increases in the percent of residents below $100 \%$ poverty, and Alaska, Nevada, and Wisconsin saw statistically significant increases in the percent of residents without insurance. ${ }^{21}$ The Great Basin Primary Care Association recently determined that this trend in uninsurance continued for Nevada between 2003 and 2004. ${ }^{22}$ These states serve as examples of where augmented federal and state support are needed in order to expand health center capacity into communities with continued and rising unmet need.

[^5]
## Remaining Unmet Need in the Northeast

Six states (Connecticut, Delaware, Massachusetts, New Hampshire, New Jersey, and Rhode Island) do not have counties with poverty rates above the national median and also without a health center. However, available data and anecdotal evidence strongly suggest that not all underserved residents in these counties are being reached. For example, a recent NACHC report found that these states have large numbers of state residents who do not have access to a primary care provider due to having too few physicians, ranging from around 24,000 residents in Rhode Island to nearly 231,000 in Massachusetts. ${ }^{23}$ Health centers in these states are reporting a rise in the number of uninsured patients.

Given that counties in these states will still have some level of unmet need, Table 1 examines counties that fall above the state poverty (under 200\% FPL) median to identify counties that may be at risk for poor access to care. Connecticut, New Jersey, and Rhode Island have more than $50 \%$ of their residents living in counties with rates above the state poverty median. Residents in these counties also represent more than half of each state's uninsured population. Approximately one-third of uninsured and poor residents in Massachusetts and Delaware live in these counties. The large presence of vulnerable populations in these counties may indicate some need for expanded access to primary care, particularly as uninsurance and poverty have risen since 2000. Health centers in these counties may need Expanded Medical Capacity grants to meet current and rising demand. Four states (Delaware, New Hampshire, New Jersey, and Rhode Island) each appear to have at least one county with a poverty rate above the state median without a health center.

Table 1
Counties in Select States Above State Poverty Median, 2003

| State | \# of Poor Counties | \% State Residents Residing in Poor Counties | \% Uninsured State Residents Residing in Poor Counties | \# of Poor Counties Without a Health Center |
| :---: | :---: | :---: | :---: | :---: |
| Connecticut | 4 | 60.2\% | 62.5\% | 0 |
| Delaware | 2 | 36.2\% | 36.3\% | 1 |
| Massachusetts | 7 | 32.4\% | 37.5\% | 0 |
| New Hampshire | 5 | 22.1\% | 22.8\% | 3 |
| New Jersey | 11 | 51.7\% | 59.7\% | 2 |
| Rhode Island | 3 | 83.4\% | 87.8\% | 1 |

Note: Poverty is defined as below 200\% of poverty. Counties included fall above the median poverty rate for each state.

## Limitations

Although other indicators will need to be considered when determining which areas of the country are most in need of a health center, this descriptive analysis provides some indication as to which counties may require additional resources to expand or create access points for primary care. Several limitations must be pointed out. First, some counties that need a health

[^6]center identified by this analysis may already be served in whole or in part by health centers located in neighboring counties. This may especially be the case for counties with small populations. Indeed, the health center model serves rural areas well. Roughly half of all health centers are located in rural areas. But beyond rural areas generally, health centers also serve sparsely populated frontier areas well. Nearly one-quarter (215) of the counties identified here as being poor and unserved are completely rural and are not adjacent to a metro area. These 215 unserved sparsely populated counties - often referred to as 'frontier' counties - make up half of all such counties across the US. ${ }^{24}$ It is conceivable that one health center site could adequately serve more than one frontier county. Of course, transportation services would be crucial in such cases to promote access to the health center.

Second, because the data relies on 2000-2002 Census information, the need may be underestimated particularly due to recent growth in both uninsured and low income populations. Third, some counties which appear to lack a health center may be misidentified due to a delay in reported health center locations. However, this would only apply to a handful of counties. Fourth, county level data for many counties is too broad. Large counties often have pockets of unmet need or high poverty, which may not be evident when population demographics are aggregated at a higher level. Cases in point are Los Angeles County and Cook County (Chicago), Illinois where there remains great need and also elevated poverty. Health centers are located in poor neighborhoods in some of these counties, and serve significant low-income and uninsured populations living there. Finally, given that NACHC's REACH database does not include Puerto Rico and the other US territories, we were not able to determine which areas in these jurisdictions are heavily poor and need a health center.

## Threats to Health Center Expansion

The number of communities needing a health center far exceeds available resources. For instance, available funding for FY 2002 and 2003 allowed only one out of three qualified applications for new health center sites to be approved for funding. In FY 2004, less than one in ten of qualified applications were approved. Moreover, while inflation-adjusted federal funding between 2002 and 2003 increased by $7 \%$, the number of uninsured patients at federally-funded health centers rose by $11 \% .{ }^{25}$ Many health centers around the country are reporting significantly higher growth in the proportion of uninsured patients. For every one uninsured, low income patient that a health center treats, there are four others needing their services, ${ }^{26}$ not to mention countless others lacking access to regular primary care regardless of insurance status. Compounding the need is rising poverty. Given these multiple factors, there are not enough health centers for the people and communities who need them.

Increasing federal funding for the health centers program is a good start toward improving health center capacity in areas that continue to need safety net services. However, to be sustainable, such funding must be supplemented by other sources of support. One such critical source of funding is state financial support, which makes up a significant portion of

[^7]revenue for many health centers. According to a NACHC survey of states in 2004, of the 31 states that provide direct funding to health centers, 7 reduced their support, causing a loss of $\$ 14.5$ million, and 12 others froze their health center funding despite rising need for health center services. At least as important as direct funding by states or the federal government is Medicaid, which makes up $36 \%$ of health center revenues nationally. Cuts in state Medicaid programs hamper health center expansion efforts, as substantial Medicaid eligibility reductions result in considerable revenue losses for health centers, compounded by rising numbers of new uninsured patients. Equally important, Medicaid patients rely on health centers for their ambulatory health needs beyond basic medical care, including vision, dental, mental health, and substance abuse services. Cutting back on Medicaid benefits, such as adult eye and dental services, could threaten a health center's ability to continue offering these services, especially if Medicaid serves as the primary payer source for them.

Cuts in payments to health centers are also severely damaging. Congress in 2000 enacted a Medicaid Prospective Payment System (PPS) for health centers, updating a special payment system it had created for them in 1990. This action was taken to ensure that Medicaid paid its fair share for care provided to Medicaid recipients at health centers, thus allowing federal grant funds to be used for their intended purpose of supporting the cost of care for uninsured patients. If states eliminated the PPS payment system, Medicaid payments to health centers would fall by $33 \%$ on average, triggering significant revenue losses and severely crippling health centers' ability to continue caring for both their Medicaid and uninsured patients.

Also important is the need for continued support for federal programs that factor into health centers' ability to serve their patients. For instance, programs training doctors, nurses, dentists and other health professionals, as well as the National Health Service Corps which places clinicians in medically underserved areas, help to ensure that health centers have adequate numbers of clinicians. Such programs are currently targeted for cuts under the President's FY 2006 budget, and yet the capacity of health centers to serve new communities depends on whether health centers will be able to fulfill their staffing needs.

## Conclusion

Wealth and health are inextricably intertwined, and this is especially true for the delivery of health care today. The poor, quite simply, have fewer options in the health care marketplace. Moreover, the private health care marketplace does not tend to exist in poor communities. That is why health centers began 40 years ago, and why expanding health centers into poor unserved communities and counties is still an important mandate today. This report not only found that 929 counties in nearly every state are poor and do not have a health center, it also provides a roadmap of where America needs to start in order to address the current health care crisis. In total, $42 \%$ of residents in these counties are low income, and more than 3 million are completely uninsured. More health care options, especially more health centers, can deal a sizeable blow to the cycle of poverty and poor health in these communities. Health centers are cost-effective providers of high-quality care, improving health outcomes in their communities and creating a more efficient health care system. Given their success, they serve as an ideal model of care for patients of all income levels.

Targeting poor areas is one approach to focus on areas that are most underserved.
However, while poverty is clearly one indicator of need given its association with underservice,
it is not the only criteria for determining unmet need. Health status and measures of access to care also indicate which communities are in need of a health center. More importantly, placing a health center in a given county may not be enough to reach all the underserved in that county, especially if the county is large, and using counties as the jurisdiction of focus may overlook counties that appear to be adequately served generally but which have significant populations that are severely underserved. Moreover, rising demand related to rising poverty and uninsurance - not to mention underinsurance - means that many existing health centers require additional funding to expand capacity in order to reach more of the underserved in their communities. As important as these federal resources may be, state support - through direct funding, but especially through Medicaid - plays an equal, if not more, important role.

With these challenges in mind, health centers commend the President for his commitment and stand ready to help achieve his goal of improving and expanding access to affordable quality health care for more low income communities. Augmented federal funding is the first step in assuring that these communities have a dependable and high-quality health care provider.

## Appendix A

## Total Counties, Poor Counties and Residents, and Counties With and Without Health Centers by State, 2003

| State Name | Total Number of Counties | Number of Poor Counties (Above US Median) | \% of State Residents Living in Poor Counties | Number of Poor Counties With a Health Center | Number of Poor Counties Without a Health Center |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Alabama | 67 | 54 | 55.8\% | 37 | 17 |
| Alaska | 27 | 9 | 9.8\% | 8 | 1 |
| Arizona | 15 | 11 | 20.2\% | 9 | 2 |
| Arkansas | 75 | 69 | 71.8\% | 32 | 37 |
| California | 58 | 29 | 47.9\% | 24 | 5 |
| Colorado | 63 | 27 | 9.1\% | 14 | 13 |
| Connecticut | 8 | 0 | 0.0\% | 0 | 0 |
| Delaware | 3 | 0 | 0.0\% | 0 | 0 |
| District of Columbia | 1 | 1 | 100.0\% | 1 | 0 |
| Florida | 67 | 32 | 22.5\% | 15 | 17 |
| Georgia | 159 | 105 | 31.8\% | 38 | 67 |
| Hawaii | 5 | 1 | <0.1\% | 0 | 1 |
| Idaho | 44 | 34 | 50.0\% | 13 | 21 |
| Illinois | 102 | 19 | 2.8\% | 12 | 7 |
| Indiana | 92 | 6 | 4.0\% | 0 | 6 |
| lowa | 99 | 7 | 2.0\% | 0 | 7 |
| Kansas | 105 | 41 | 24.5\% | 9 | 32 |
| Kentucky | 120 | 82 | 42.6\% | 13 | 69 |
| Louisiana | 64 | 54 | 63.1\% | 15 | 39 |
| Maine | 16 | 6 | 19.0\% | 4 | 2 |
| Maryland | 24 | 4 | 14.7\% | 3 | 1 |
| Massachusetts | 14 | 1 | 10.9\% | 1 | 0 |
| Michigan | 83 | 17 | 3.8\% | 6 | 11 |
| Minnesota | 87 | 9 | 2.9\% | 1 | 8 |
| Mississippi | 82 | 74 | 78.5\% | 48 | 26 |
| Missouri | 115 | 81 | 33.7\% | 24 | 57 |
| Montana | 56 | 48 | 67.3\% | 14 | 34 |
| Nebraska | 93 | 45 | 13.6\% | 3 | 42 |
| Nevada | 17 | 2 | 0.5\% | 0 | 2 |
| New Hampshire | 10 | 0 | 0.0\% | 0 | 0 |
| New Jersey | 21 | 0 | 0.0\% | 0 | 0 |
| New Mexico | 33 | 29 | 56.3\% | 27 | 2 |
| New York | 62 | 17 | 33.0\% | 7 | 10 |
| North Carolina | 100 | 47 | 23.3\% | 20 | 27 |
| North Dakota | 53 | 27 | 19.4\% | 3 | 24 |
| Ohio | 88 | 16 | 5.0\% | 10 | 6 |
| Oklahoma | 77 | 64 | 66.6\% | 10 | 54 |
| Oregon | 36 | 18 | 17.2\% | 8 | 10 |
| Pennsylvania | 67 | 17 | 20.9\% | 9 | 8 |


| State Name | Total <br> Number of <br> Counties | Number of Poor <br> Counties <br> (Above US <br> Median) | \% of State <br> Residents <br> Living in Poor <br> Counties | Number of Poor <br> Counties With a <br> Health Center | Number of Poor <br> Counties <br> Without a <br> Health Center |
| :--- | :---: | :---: | :---: | :---: | :---: |
| Rhode Island | 5 | 0 | $0.0 \%$ | 0 | 0 |
| South Carolina | 46 | 31 | $31.7 \%$ | 26 | 5 |
| South Dakota | 66 | 40 | $28.6 \%$ | 13 | 27 |
| Tennessee | 95 | 59 | $26.2 \%$ | 39 | 20 |
| Texas | 254 | 196 | $39.7 \%$ | 42 | 154 |
| Utah | 29 | 14 | $11.6 \%$ | 4 | 10 |
| Vermont | 14 | 2 | $5.4 \%$ | 1 | 1 |
| Virginia | 135 | 48 | $23.1 \%$ | 29 | 19 |
| Washington | 39 | 17 | $13.4 \%$ | 11 | 6 |
| West Virginia | 55 | 47 | $70.6 \%$ | 35 | 12 |
| Wisconsin | 72 | 8 | $2.1 \%$ | 2 | 6 |
| Wyoming | 23 | 6 | $20.1 \%$ | 2 | 4 |
| Total | 3141 | 1571 | $26.1 \%$ | 642 | 929 |

Note: Poor counties are those having a poverty rate higher than the national median (35.3\%). Poverty is defined as below $200 \%$ of poverty.

Appendix B

## Poor Counties Without Health Centers, Percent of Poor County Residents, and Percent of State Uninsured Residing in Poor Counties, 2003

$\left.$|  | State Name | Total <br> Number of <br> Counties | Number of <br> Poor Counties <br> Without a <br> Health Center | \% of State Residents <br> Living in Poor Counties <br> Without a Health Center |
| :--- | :---: | :---: | :---: | :---: | | \% of State Uninsured |
| :---: |
| Residents Living in Poor |
| Counties Without a |
| Health Center | \right\rvert\,


| State Name | Total <br> Number of <br> Counties | Number of <br> Poor Counties <br> Without a <br> Health Center | \% of State Residents <br> Living in Poor Counties <br> Without a Health Center | \% of State Uninsured <br> Residents Living in Poor <br> Counties Without a <br> Health Center |
| :--- | :---: | :---: | :---: | :---: |
| Oregon | 36 | 10 | $5.5 \%$ | $5.2 \%$ |
| Pennsylvania | 67 | 8 | $4.7 \%$ | $5.1 \%$ |
| Rhode Island | 5 | 0 | $0.0 \%$ | $0.0 \%$ |
| South Carolina | 46 | 5 | $5.0 \%$ | $5.0 \%$ |
| South Dakota | 66 | 27 | $22.2 \%$ | $24.4 \%$ |
| Tennessee | 95 | 20 | $9.3 \%$ | $8.9 \%$ |
| Texas | 254 | 154 | $15.6 \%$ | $14.6 \%$ |
| Utah | 29 | 10 | $9.2 \%$ | $9.7 \%$ |
| Vermont | 14 | 1 | $4.3 \%$ | $4.5 \%$ |
| Virginia | 135 | 19 | $6.1 \%$ | $7.2 \%$ |
| Washington | 39 | 6 | $3.1 \%$ | $3.4 \%$ |
| West Virginia | 55 | 12 | $11.4 \%$ | $11.5 \%$ |
| Wisconsin | 72 | 6 | $1.5 \%$ | $1.7 \%$ |
| Wyoming | 23 | 4 | $10.5 \%$ | $12.6 \%$ |
| Total | 3,141 | 929 | $7.1 \%$ | $7.7 \%$ |

Note: Poor counties are those having a poverty rate higher than the national median (35.3\%). Poverty is defined as below $200 \%$ of poverty.

## Appendix C

## Poor Counties Without Health Centers, 2003

| Alabama | Cherokee County |
| :---: | :---: |
| Alabama | Clarke County |
| Alabama | Clay County |
| Alabama | Cleburne County |
| Alabama | Colbert County |
| Alabama | Dallas County |
| Alabama | Dekalb County |
| Alabama | Fayette County |
| Alabama | Geneva County |
| Alabama | Henry County |
| Alabama | Lamar County |
| Alabama | Marion County |
| Alabama | Marshall County |
| Alabama | Pickens County |
| Alabama | Randolph County |
| Alabama | Talladega County |
| Alabama | Winston County |
| Alaska | Southeast Fairbanks <br> Census Area |
| Arizona | Gila County |
| Arizona | La Paz County |
| Arkansas | Baxter County |
| Arkansas | Boone County |
| Arkansas | Bradley County |
| Arkansas | Carroll County |
| Arkansas | Columbia County |
| Arkansas | Conway County |
| Arkansas | Crawford County |
| Arkansas | Dallas County |
| Arkansas | Desha County |
| Arkansas | Drew County |
| Arkansas | Franklin County |
| Arkansas | Fulton County |
| Arkansas | Garland County |
| Arkansas | Greene County |
| Arkansas | Hot Spring County |
| Arkansas | Howard County |
| Arkansas | Independence County |
| Arkansas | Izard County |
| Arkansas | Johnson County |
| Arkansas | Lawrence County |
| Arkansas | Lincoln County |
| Arkansas | Little River County |
| Arkansas | Logan County |
| Arkansas | Marion County |
| Arkansas | Miller County |
| Arkansas | Montgomery County |
| Arkansas | Perry County |


| Arkansas | Pike County |
| :---: | :---: |
| Arkansas | Pope County |
| Arkansas | Scott County |
| Arkansas | Sebastian County |
| Arkansas | Sevier County |
| Arkansas | Sharp County |
| Arkansas | St. Francis County |
| Arkansas | Stone County |
| Arkansas | Washington County |
| Arkansas | Yell County |
| California | Alpine County |
| California | Mariposa County |
| California | Modoc County |
| California | Tehama County |
| California | Trinity County |
| Colorado | Baca County |
| Colorado | Crowley County |
| Colorado | Custer County |
| Colorado | Delta County |
| Colorado | Gunnison County |
| Colorado | Huerfano County |
| Colorado | Jackson County |
| Colorado | Las Animas County |
| Colorado | Phillips County |
| Colorado | San Juan County |
| Colorado | Sedgwick County |
| Colorado | Washington County |
| Colorado | Yuma County |
| Florida | Bradford County |
| Florida | Calhoun County |
| Florida | Desoto County |
| Florida | Escambia County |
| Florida | Franklin County |
| Florida | Glades County |
| Florida | Hamilton County |
| Florida | Holmes County |
| Florida | Jackson County |
| Florida | Jefferson County |
| Florida | Levy County |
| Florida | Liberty County |
| Florida | Suwannee County |
| Florida | Taylor County |
| Florida | Union County |
| Florida | Walton County |
| Florida | Washington County |
| Georgia | Appling County |
| Georgia | Bacon County |
| Georgia | Baldwin County |


| Georgia | Ben Hill County | Georgia | Twiggs County |
| :---: | :---: | :---: | :---: |
| Georgia | Berrien County | Georgia | Upson County |
| Georgia | Bibb County | Georgia | Wayne County |
| Georgia | Bleckley County | Georgia | Webster County |
| Georgia | Brooks County | Georgia | Wheeler County |
| Georgia | Bulloch County | Georgia | Wilcox County |
| Georgia | Burke County | Georgia | Wilkinson County |
| Georgia | Candler County | Georgia | Worth County |
| Georgia | Chattahoochee County | Hawaii | Kalawao County |
| Georgia | Chattooga County | Idaho | Adams County |
| Georgia | Clarke County | Idaho | Bear Lake County |
| Georgia | Clay County | Idaho | Bonner County |
| Georgia | Clinch County | Idaho | Butte County |
| Georgia | Cook County | Idaho | Clark County |
| Georgia | Crisp County | Idaho | Clearwater County |
| Georgia | Dodge County | Idaho | Custer County |
| Georgia | Dooly County | Idaho | Franklin County |
| Georgia | Early County | Idaho | Fremont County |
| Georgia | Echols County | Idaho | Gooding County |
| Georgia | Evans County | Idaho | Jefferson County |
| Georgia | Grady County | Idaho | Latah County |
| Georgia | Jeff Davis County | Idaho | Lemhi County |
| Georgia | Jefferson County | Idaho | Lewis County |
| Georgia | Jenkins County | Idaho | Lincoln County |
| Georgia | Lanier County | Idaho | Madison County |
| Georgia | Laurens County | Idaho | Minidoka County |
| Georgia | Liberty County | Idaho | Oneida County |
| Georgia | Lincoln County | Idaho | Shoshone County |
| Georgia | Long County | Idaho | Teton County |
| Georgia | Lumpkin County | Idaho | Washington County |
| Georgia | Macon County | Illinois | Greene County |
| Georgia | Marion County | Illinois | Lawrence County |
| Georgia | Mcduffie County | Illinois | Massac County |
| Georgia | Mcintosh County | Illinois | Mcdonough County |
| Georgia | Meriwether County | Illinois | Pike County |
| Georgia | Miller County | Illinois | Richland County |
| Georgia | Mitchell County | Illinois | White County |
| Georgia | Montgomery County | Indiana | Crawford County |
| Georgia | Peach County | Indiana | Daviess County |
| Georgia | Polk County | Indiana | Knox County |
| Georgia | Pulaski County | Indiana | Monroe County |
| Georgia | Quitman County | Indiana | Orange County |
| Georgia | Randolph County | Indiana | Scott County |
| Georgia | Richmond County | Iowa | Appanoose County |
| Georgia | Screven County | Iowa | Davis County |
| Georgia | Seminole County | Iowa | Decatur County |
| Georgia | Spalding County | Iowa | Ringgold County |
| Georgia | Stephens County | Iowa | Taylor County |
| Georgia | Talbot County | Iowa | Van Buren County |
| Georgia | Taylor County | Iowa | Wayne County |
| Georgia | Telfair County | Kansas | Allen County |
| Georgia | Tift County | Kansas | Brown County |
| Georgia | Toombs County | Kansas | Chautauqua County |
| Georgia | Treutlen County | Kansas | Cherokee County |
| Georgia | Troup County | Kansas | Cheyenne County |
| Georgia | Turner County | Kansas | Decatur County |


| Kansas | Edwards County | Kentucky | Hart County |
| :---: | :---: | :---: | :---: |
| Kansas | Elk County | Kentucky | Hickman County |
| Kansas | Graham County | Kentucky | Hopkins County |
| Kansas | Greenwood County | Kentucky | Johnson County |
| Kansas | Hamilton County | Kentucky | Knott County |
| Kansas | Haskell County | Kentucky | Knox County |
| Kansas | Jewell County | Kentucky | Larue County |
| Kansas | Kearny County | Kentucky | Laurel County |
| Kansas | Labette County | Kentucky | Lawrence County |
| Kansas | Lincoln County | Kentucky | Lee County |
| Kansas | Logan County | Kentucky | Leslie County |
| Kansas | Neosho County | Kentucky | Lincoln County |
| Kansas | Norton County | Kentucky | Logan County |
| Kansas | Osborne County | Kentucky | Lyon County |
| Kansas | Riley County | Kentucky | Marion County |
| Kansas | Rush County | Kentucky | Martin County |
| Kansas | Russell County | Kentucky | Mason County |
| Kansas | Sheridan County | Kentucky | Mccreary County |
| Kansas | Sherman County | Kentucky | Mclean County |
| Kansas | Smith County | Kentucky | Meade County |
| Kansas | Stafford County | Kentucky | Menifee County |
| Kansas | Wallace County | Kentucky | Metcalfe County |
| Kansas | Washington County | Kentucky | Monroe County |
| Kansas | Wichita County | Kentucky | Montgomery County |
| Kansas | Wilson County | Kentucky | Morgan County |
| Kansas | Woodson County | Kentucky | Nicholas County |
| Kentucky | Adair County | Kentucky | Owen County |
| Kentucky | Allen County | Kentucky | Powell County |
| Kentucky | Barren County | Kentucky | Pulaski County |
| Kentucky | Bath County | Kentucky | Robertson County |
| Kentucky | Bell County | Kentucky | Rockcastle County |
| Kentucky | Boyd County | Kentucky | Rowan County |
| Kentucky | Breathitt County | Kentucky | Russell County |
| Kentucky | Breckinridge County | Kentucky | Taylor County |
| Kentucky | Butler County | Kentucky | Todd County |
| Kentucky | Caldwell County | Kentucky | Union County |
| Kentucky | Calloway County | Kentucky | Wayne County |
| Kentucky | Carlisle County | Kentucky | Webster County |
| Kentucky | Carroll County | Kentucky | Wolfe County |
| Kentucky | Carter County | Louisiana | Acadia Parish |
| Kentucky | Casey County | Louisiana | Allen Parish |
| Kentucky | Christian County | Louisiana | Assumption Parish |
| Kentucky | Clay County | Louisiana | Avoyelles Parish |
| Kentucky | Clinton County | Louisiana | Beauregard Parish |
| Kentucky | Crittenden County | Louisiana | Bienville Parish |
| Kentucky | Cumberland County | Louisiana | Caldwell Parish |
| Kentucky | Edmonson County | Louisiana | Cameron Parish |
| Kentucky | Elliott County | Louisiana | Claiborne Parish |
| Kentucky | Estill County | Louisiana | Concordia Parish |
| Kentucky | Fleming County | Louisiana | De Soto Parish |
| Kentucky | Fulton County | Louisiana | East Carroll Parish |
| Kentucky | Gallatin County | Louisiana | East Feliciana Parish |
| Kentucky | Graves County | Louisiana | Evangeline Parish |
| Kentucky | Grayson County | Louisiana | Grant Parish |
| Kentucky | Green County | Louisiana | Jackson Parish |
| Kentucky | Greenup County | Louisiana | Jefferson Davis Parish |

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St. James Parish
St. John The Baptist Parish
St. Landry Parish
St. Martin Parish
St. Mary Parish
Tangipahoa Parish
Tensas Parish
Union Parish
Washington Parish
Webster Parish
West Baton Rouge Parish
West Carroll Parish
Winn Parish
Piscataquis County
Waldo County
Garrett County
Clare County
Gladwin County
Gogebic County
Houghton County
Isabella County
Keweenaw County
Luce County
Mecosta County
Osceola County
Oscoda County
Schoolcraft County
Aitkin County
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Cass County
Clearwater County
Mahnomen County
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Grundy County
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Howard County
Jasper County
Johnson County
Laclede County
Lawrence County
Lewis County
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Livingston County
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Maries County
Miller County
Monroe County
Morgan County
Nodaway County
Pemiscot County
Pettis County
Phelps County
Pike County
Polk County
Putnam County
Randolph County

| Missouri | Ripley County | Nebraska | Boyd County |
| :---: | :---: | :---: | :---: |
| Missouri | Saline County | Nebraska | Brown County |
| Missouri | Schuyler County | Nebraska | Cherry County |
| Missouri | Scott County | Nebraska | Custer County |
| Missouri | Shelby County | Nebraska | Dawes County |
| Missouri | St. Clair County | Nebraska | Dawson County |
| Missouri | St. Francois County | Nebraska | Dundy County |
| Missouri | St. Louis City | Nebraska | Franklin County |
| Missouri | Stone County | Nebraska | Frontier County |
| Missouri | Taney County | Nebraska | Furnas County |
| Missouri | Texas County | Nebraska | Garfield County |
| Missouri | Vernon County | Nebraska | Grant County |
| Missouri | Washington County | Nebraska | Greeley County |
| Missouri | Wayne County | Nebraska | Harlan County |
| Missouri | Webster County | Nebraska | Hayes County |
| Missouri | Worth County | Nebraska | Hitchcock County |
| Missouri | Wright County | Nebraska | Holt County |
| Montana | Carter County | Nebraska | Keya Paha County |
| Montana | Chouteau County | Nebraska | Kimball County |
| Montana | Daniels County | Nebraska | Knox County |
| Montana | Deer Lodge County | Nebraska | Logan County |
| Montana | Fallon County | Nebraska | Loup County |
| Montana | Fergus County | Nebraska | Mcpherson County |
| Montana | Flathead County | Nebraska | Nance County |
| Montana | Garfield County | Nebraska | Nuckolls County |
| Montana | Glacier County | Nebraska | Pawnee County |
| Montana | Golden Valley County | Nebraska | Pierce County |
| Montana | Granite County | Nebraska | Richardson County |
| Montana | Hill County | Nebraska | Rock County |
| Montana | Judith Basin County | Nebraska | Sheridan County |
| Montana | Liberty County | Nebraska | Sherman County |
| Montana | Mccone County | Nebraska | Sioux County |
| Montana | Meagher County | Nebraska | Thomas County |
| Montana | Mineral County | Nebraska | Thurston County |
| Montana | Musselshell County | Nebraska | Valley County |
| Montana | Petroleum County | Nebraska | Webster County |
| Montana | Phillips County | Nebraska | Wheeler County |
| Montana | Pondera County | Nevada | Lincoln County |
| Montana | Powder River County | Nevada | Mineral County |
| Montana | Powell County | New Mexico | Lea County |
| Montana | Prairie County | New Mexico | Union County |
| Montana | Ravalli County | New York | Allegany County |
| Montana | Roosevelt County | New York | Cattaraugus County |
| Montana | Sanders County | New York | Chenango County |
| Montana | Sheridan County | New York | Delaware County |
| Montana | Teton County | New York | Franklin County |
| Montana | Toole County | New York | Jefferson County |
| Montana | Treasure County | New York | Lewis County |
| Montana | Valley County | New York | Montgomery County |
| Montana | Wheatland County | New York | Otsego County |
| Montana | Wibaux County | New York | St. Lawrence County |
| Nebraska | Antelope County | North Carolina | Ashe County |
| Nebraska | Arthur County | North Carolina | Avery County |
| Nebraska | Banner County | North Carolina | Cherokee County |
| Nebraska | Blaine County | North Carolina | Chowan County |
| Nebraska | Boone County | North Carolina | Clay County |


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| Edgecombe County | Oklahoma | Blaine County |
| :---: | :---: | :---: |
| Graham County | Oklahoma | Bryan County |
| Hertford County | Oklahoma | Carter County |
| Hyde County | Oklahoma | Choctaw County |
| Jones County | Oklahoma | Cimarron County |
| Macon County | Oklahoma | Coal County |
| Madison County | Oklahoma | Comanche County |
| Martin County | Oklahoma | Cotton County |
| Mcdowell County | Oklahoma | Craig County |
| Mitchell County | Oklahoma | Creek County |
| Montgomery County | Oklahoma | Custer County |
| Onslow County | Oklahoma | Delaware County |
| Perquimans County | Oklahoma | Dewey County |
| Richmond County | Oklahoma | Ellis County |
| Rutherford County | Oklahoma | Garfield County |
| Scotland County | Oklahoma | Garvin County |
| Swain County | Oklahoma | Grady County |
| Tyrrell County | Oklahoma | Grant County |
| Vance County | Oklahoma | Greer County |
| Washington County | Oklahoma | Harmon County |
| Watauga County | Oklahoma | Haskell County |
| Yancey County | Oklahoma | Hughes County |
| Adams County | Oklahoma | Jackson County |
| Benson County | Oklahoma | Jefferson County |
| Billings County | Oklahoma | Johnston County |
| Bottineau County | Oklahoma | Kay County |
| Burke County | Oklahoma | Latimer County |
| Dickey County | Oklahoma | Le Flore County |
| Divide County | Oklahoma | Lincoln County |
| Emmons County | Oklahoma | Love County |
| Golden Valley County | Oklahoma | Major County |
| Grant County | Oklahoma | Marshall County |
| Griggs County | Oklahoma | Mayes County |
| Hettinger County | Oklahoma | Mcintosh County |
| Kidder County | Oklahoma | Murray County |
| Lamoure County | Oklahoma | Muskogee County |
| Logan County | Oklahoma | Okfuskee County |
| Mchenry County | Oklahoma | Okmulgee County |
| Mcintosh County | Oklahoma | Ottawa County |
| Mckenzie County | Oklahoma | Pawnee County |
| Mountrail County | Oklahoma | Payne County |
| Pierce County | Oklahoma | Pittsburg County |
| Renville County | Oklahoma | Pontotoc County |
| Sioux County | Oklahoma | Pushmataha County |
| Slope County | Oklahoma | Roger Mills County |
| Williams County | Oklahoma | Sequoyah County |
| Gallia County | Oklahoma | Stephens County |
| Guernsey County | Oklahoma | Texas County |
| Holmes County | Oklahoma | Washita County |
| Meigs County | Oklahoma | Woods County |
| Morgan County | Oregon | Baker County |
| Noble County | Oregon | Coos County |
| Adair County | Oregon | Curry County |
| Alfalfa County | Oregon | Grant County |
| Atoka County | Oregon | Harney County |
| Beckham County | Oregon | Lake County |


| Oregon | Lincoln County | Tennessee | Lewis County |
| :---: | :---: | :---: | :---: |
| Oregon | Morrow County | Tennessee | Marion County |
| Oregon | Wallowa County | Tennessee | Mcminn County |
| Oregon | Wheeler County | Tennessee | Mcnairy County |
| Pennsylvania | Armstrong County | Tennessee | Monroe County |
| Pennsylvania | Cambria County | Tennessee | Sequatchie County |
| Pennsylvania | Centre County | Tennessee | Wayne County |
| Pennsylvania | Clinton County | Tennessee | Weakley County |
| Pennsylvania | Jefferson County | Texas | Anderson County |
| Pennsylvania | Mifflin County | Texas | Andrews County |
| Pennsylvania | Somerset County | Texas | Angelina County |
| Pennsylvania | Sullivan County | Texas | Aransas County |
| South Carolina | Cherokee County | Texas | Baylor County |
| South Carolina | Chester County | Texas | Bee County |
| South Carolina | Edgefield County | Texas | Bosque County |
| South Carolina | Lancaster County | Texas | Bowie County |
| South Carolina | Union County | Texas | Brewster County |
| South Dakota | Bon Homme County | Texas | Brooks County |
| South Dakota | Brule County | Texas | Brown County |
| South Dakota | Buffalo County | Texas | Burleson County |
| South Dakota | Butte County | Texas | Calhoun County |
| South Dakota | Campbell County | Texas | Callahan County |
| South Dakota | Charles Mix County | Texas | Camp County |
| South Dakota | Clark County | Texas | Cass County |
| South Dakota | Clay County | Texas | Castro County |
| South Dakota | Day County | Texas | Cherokee County |
| South Dakota | Douglas County | Texas | Childress County |
| South Dakota | Edmunds County | Texas | Cochran County |
| South Dakota | Fall River County | Texas | Coke County |
| South Dakota | Faulk County | Texas | Coleman County |
| South Dakota | Gregory County | Texas | Collingsworth County |
| South Dakota | Hanson County | Texas | Concho County |
| South Dakota | Harding County | Texas | Coryell County |
| South Dakota | Hutchinson County | Texas | Cottle County |
| South Dakota | Jackson County | Texas | Crane County |
| South Dakota | Lawrence County | Texas | Crockett County |
| South Dakota | Lyman County | Texas | Crosby County |
| South Dakota | Marshall County | Texas | Culberson County |
| South Dakota | Mcpherson County | Texas | Dallam County |
| South Dakota | Roberts County | Texas | Delta County |
| South Dakota | Shannon County | Texas | Dewitt County |
| South Dakota | Tripp County | Texas | Dickens County |
| South Dakota | Walworth County | Texas | Donley County |
| South Dakota | Ziebach County | Texas | Ector County |
| Tennessee | Benton County | Texas | Edwards County |
| Tennessee | Carroll County | Texas | Erath County |
| Tennessee | Crockett County | Texas | Falls County |
| Tennessee | Decatur County | Texas | Fisher County |
| Tennessee | Dyer County | Texas | Floyd County |
| Tennessee | Gibson County | Texas | Foard County |
| Tennessee | Henderson County | Texas | Franklin County |
| Tennessee | Henry County | Texas | Freestone County |
| Tennessee | Hickman County | Texas | Gaines County |
| Tennessee | Houston County | Texas | Garza County |
| Tennessee | Lauderdale County | Texas | Glasscock County |
| Tennessee | Lawrence County | Texas | Goliad County |


| Texas | Gray County | Texas | Palo Pinto County |
| :---: | :---: | :---: | :---: |
| Texas | Gregg County | Texas | Panola County |
| Texas | Grimes County | Texas | Parmer County |
| Texas | Hall County | Texas | Pecos County |
| Texas | Hamilton County | Texas | Polk County |
| Texas | Hansford County | Texas | Presidio County |
| Texas | Hardeman County | Texas | Rains County |
| Texas | Harrison County | Texas | Reagan County |
| Texas | Haskell County | Texas | Red River County |
| Texas | Henderson County | Texas | Reeves County |
| Texas | Hill County | Texas | Refugio County |
| Texas | Hopkins County | Texas | Robertson County |
| Texas | Houston County | Texas | Runnels County |
| Texas | Howard County | Texas | Rusk County |
| Texas | Hudspeth County | Texas | Sabine County |
| Texas | Jack County | Texas | San Augustine County |
| Texas | Jackson County | Texas | San Jacinto County |
| Texas | Jasper County | Texas | San Patricio County |
| Texas | Jeff Davis County | Texas | San Saba County |
| Texas | Jim Wells County | Texas | Schleicher County |
| Texas | Jones County | Texas | Scurry County |
| Texas | Karnes County | Texas | Shackelford County |
| Texas | Kenedy County | Texas | Shelby County |
| Texas | Kent County | Texas | Sherman County |
| Texas | Kimble County | Texas | Stephens County |
| Texas | King County | Texas | Sterling County |
| Texas | Kleberg County | Texas | Stonewall County |
| Texas | Knox County | Texas | Sutton County |
| Texas | Lamar County | Texas | Swisher County |
| Texas | Lamb County | Texas | Taylor County |
| Texas | Lampasas County | Texas | Terrell County |
| Texas | Lavaca County | Texas | Terry County |
| Texas | Leon County | Texas | Throckmorton County |
| Texas | Limestone County | Texas | Titus County |
| Texas | Lipscomb County | Texas | Trinity County |
| Texas | Live Oak County | Texas | Tyler County |
| Texas | Lynn County | Texas | Upshur County |
| Texas | Madison County | Texas | Upton County |
| Texas | Marion County | Texas | Van Zandt County |
| Texas | Martin County | Texas | Walker County |
| Texas | Mason County | Texas | Ward County |
| Texas | Matagorda County | Texas | Washington County |
| Texas | Mcculloch County | Texas | Wharton County |
| Texas | Mcmullen County | Texas | Wheeler County |
| Texas | Menard County | Texas | Wilbarger County |
| Texas | Milam County | Texas | Winkler County |
| Texas | Mills County | Texas | Wood County |
| Texas | Mitchell County | Texas | Yoakum County |
| Texas | Montague County | Texas | Young County |
| Texas | Moore County | Texas | Zapata County |
| Texas | Morris County | Utah | Beaver County |
| Texas | Navarro County | Utah | Cache County |
| Texas | Nolan County | Utah | Duchesne County |
| Texas | Nueces County | Utah | Garfield County |
| Texas | Ochiltree County | Utah | Grand County |
| Texas | Oldham County | Utah | Millard County |


| Utah | Piute County | Washington | Kittitas County |
| :--- | :--- | :--- | :--- |
| Utah | Sanpete County | Washington | Klickitat County |
| Utah | Sevier County | Washington | Lewis County |
| Utah | Uintah County | Washington | Whitman County |
| Vermont | Orleans County | West Virginia | Barbour County |
| Virginia | Bedford City | West Virginia | Braxton County |
| Virginia | Bristol City | West Virginia | Doddridge County |
| Virginia | Clifton Forge City | West Virginia | Grant County |
| Virginia | Covington City | West Virginia | Hampshire County |
| Virginia | Cumberland County | West Virginia | Lewis County |
| Virginia | Franklin City | West Virginia | Marshall County |
| Virginia | Galax City | West Virginia | Mason County |
| Virginia | Greensville County | West Virginia | Mineral County |
| Virginia | Halifax County | West Virginia | Pocahontas County |
| Virginia | Harrisonburg City | West Virginia | Summers County |
| Virginia | Lexington City | West Virginia | Tyler County |
| Virginia | Lynchburg City | Wisconsin | Ashland County |
| Virginia | Montgomery County | Wisconsin | Bayfield County |
| Virginia | Norton City | Wisconsin | Forest County |
| Virginia | Nottoway County | Wisconsin | Iron County |
| Virginia | Patrick County | Wisconsin | Menominee County |
| Virginia | Radford City | Wisconsin | Vernon County |
| Virginia | Russell County | Tazewell County | Wyoming |

Note: Poor counties are those having a poverty rate higher than the national median (35.3\%). Poverty is defined as below 200\% of poverty. Does not include the Commonwealth of Puerto Rico, the Virgin Islands, and other US territories. New health center funding may have been recently awarded to a few of these counties.


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